WD TV® Live™

Streaming Media Player

User Manual

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1 Important User Information

Important Safety Instructions

This device is designed and manufactured to assure personal safety. Improper use can result in electric shock or fire hazard. The safeguards incorporated into this unit will protect you if you observe the following procedures for installation, use, and servicing.

- Read these instructions.
- Keep these instructions.
- Heed all warnings.
- Follow all instructions.
- Do not use this apparatus near water.
- Clean only with dry cloth.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for replacement of the obsolete outlet.
- Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- Carefully read and follow the Quick Install Guide and User Manual.
- Do not operate this device outside the temperature range of 5°C–35°C (41°F–95°F).
- Do not drop or shake the device.
- Do not move the device when it is powered on.
- Power supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon them or against them.
- Do not overload wall outlets.

For additional safety information, refer to *www.wdc.com*.

WD Service and Support

Should you encounter any problem, please give us an opportunity to address it before returning this product. Most technical support questions can be answered through our knowledge base or e-mail support service at *http://support.wdc.com*. If the answer is not available or, if you prefer, please contact WD at the best telephone number shown below.

Your product includes 30 days of free telephone support during the warranty period. This 30-day period starts on the date of your first telephone contact with WD technical support. E-mail support is free for the entire warranty period and our extensive knowledge base is available 24/7. To help us keep you informed of new features and services, remember to register your product online at *http://register.wdc.com*.

Accessing Online Support

Visit our product support website at *http://support.wdc.com* and choose from these topics:

- **Downloads** - Download drivers, software, and updates for your WD product.
- **Registration** - Register your WD product to get the latest updates and special offers.
- **Warranty & RMA Services** - Get Warranty, Product Replacement (RMA), RMA Status, and Data Recovery Information.
- **Knowledge Base** - Search by keyword, phrase, or answer ID.
- **Installation** - Get online installation help for your WD product or software.

Contacting WD Technical Support

When contacting WD for support, have your WD product serial number, system hardware, and system software versions available.

North America		**Europe (toll free)***	00800 ASK4 WDEU (00800 27549338)
English	800.ASK.4WDC (800.275.4932)		
Spanish	800.832.4778	**Europe**	+31 880062100
		Middle East	+31 880062100
Mexico	001 8002754932	**Africa**	+31 880062100
South America		**Asia Pacific**	
Chile	1230 020 5871	Australia	1 800 42 9861
Venezuela	0800 100 2855	China	800 820 6682/+65 62430496
Peru	0800-54003	Hong Kong	+800 6008 6008
Uruguay	000 413 598 3787	India	1 800 200 5789
Argentina	0800 4440839	Indonesia	+803 852 9439
Brazil	0800 7704932	Japan	00 531 650442
		Korea	02 703 6550
		Malaysia	+800 6008 6008/1 800 88 1908/ +65 62430496
		Philippines	1 800 1441 0159
		Singapore	+800 6008 6008/+800 608 6008/ +65 62430496
		Taiwan	+800 6008 6008/+65 62430496

** Toll free number available in the following countries: Austria, Belgium, Denmark, France, Germany, Ireland, Italy, Netherlands, Norway, Spain, Sweden, Switzerland, United Kingdom.*

Recording Your WD Product Information

In the following table, write the serial and model numbers of your new WD product. You can find this information on the label on the bottom of the device. You should also note the date of purchase. This information may be required when requesting technical support.

Serial Number:
MAC Address:
Model Number:
Purchase Date:
System and Software Notes:

Registering Your WD Product

Your WD product includes 30 days of free technical support during the applicable warranty period for your product. The 30-day period commences on the date of your first telephone contact with WD technical support. Register your WD product online at *http://register.wdc.com*.

If your media player has an active network connnection, you can register directly from the device using the supplied remote control (see “Using the Remote Control” on page 47) or a USB keyboard (see “Using a USB Keyboard” on page 48). Go to “Device Registration” on page 191 for instructions.

Accessories

For information on optional accessories for this product, visit:

US	*www.shopwd.com* or *www.wdstore.com*
Canada	*www.shopwd.ca* or *www.wdstore.ca*
Europe	*www.shopwd.eu* or *www.wdstore.eu*
All others	Contact WD Technical Support in your region. For a list of Technical Support contacts, visit *http://support.wdc.com* and see Knowledge Base Answer ID 1048.

2

Product Overview

Thank you for purchasing a WD TV Live streaming media player. This user manual provides step-by-step instructions for installing and using your new media player. For the latest WD product information and news, visit our website at *www.westerndigital.com*.

The best of the Internet on your HDTV – Stream hit movies, catch up on TV shows, watch the latest videos, and stay connected to your social network. Don't settle for online entertainment on your small computer screen. With the WD TV Live streaming media player, you can enjoy it all on your HDTV. See "Internet Services" on page 92 for more details.

Your media collection belongs on the big screen – Enjoy your media library, home videos, vacation slideshows, and favorite songs on your HDTV and sound system in your living room. Sit back and enjoy the spectacular picture quality of Full-HD 1080p.

Play virtually any media file format – The WD TV Live streaming media player supports a wide variety of the most popular files including MKV, MP4, XVID, AVI, WMV, and MOV video formats. Get the freedom to enjoy your media now, in virtually any file format.

Ready, set up, stream – So easy to set up, you'll be up and running in minutes. The WD TV Live streaming media player connects to your high-speed Internet connection wirelessly, no PC required. Or use the Ethernet port to connect to your wired home network.

High-performance, streaming-ready WiFi – Includes the latest wireless technology—extended-range Wireless-N—giving you the speed you need to stream HD.

Play media from any source – Stream videos, music, and photos from your USB drive, network drive, and any PC or Mac computer in your home. Our media library collects the content from all the drives, so finding the perfect video, song, or photo to view is easier than ever.

Show photos and movies directly from your digital camera or camcorder – Connect your camcorder or digital camera directly to the media center and instantly view or archive HD video and photos without a PC. Works with any digital imaging device that supports Picture Transfer Protocol.

Bring the arcade to your HDTV – Swap gems with Rockswap, try your luck with Texas Hold'Em, or test your math skills with Sudoku. WD TV Live brings casual games to your big screen TV.

Stay updated with RSS feeds – Stay posted on your favorite bloggers and websites and stream the latest audio and video with timely RSS feeds. You can also add specific feeds to your dashboard to be shown as tickers so you never miss a thing.

Programmable remote – Use the included programmable remote control to make your entertainment choices using our crisp, animated navigation menus. Customize buttons for quick and easy access to your favorite music, photos, videos or menu choices.

Use your keyboard for easy searching and updating – Use the on-screen keyboard or attach your wired or wireless USB keyboard for easy text input. Perfect for searching videos on YouTube or updating your status on Facebook.

Advanced navigation options

- Thumbnail, list, and preview modes – Browse your content by file name or by thumbnails of photos, album covers, video preview, and movie cover art.
- Media library – This unique feature lets you view all your media by media type in one menu regardless of its location in folders or drives. You can view your content by categories such as genre, album, artist and date.
- Search – Search by genre, title, artist, filename and partial filename.

Photo viewing

- View photos as a slideshow with a variety of transitions and background music
- Zoom and pan
- Search by filename, partial filename, most recently viewed and date

Movie viewing

- Fast forward, reverse, pause, zoom, and pan
- View subtitles
- Search by filename, partial filename, most recently viewed and date

Music playback

- Fast forward, reverse, pause, shuffle, repeat
- Search by filename, partial filename, most recently viewed and date.

File Management

- Copy files between USB drives and transfer files between a USB drive connected to the media player and your computer.

HDMI and composite video output – The HDMI port lets you connect to the highest quality HDTV or home theater. Additional composite (RCA) outputs ensure compatibility with virtually all television sets.

S/PDIF digital output – The optical audio output sends digital signals to your AV receiver for the best surround sound experience.

Ultra-compact design – Cool and quiet, this compact system integrates perfectly into your entertainment center.

3

Features and Functions

Features

The animated interface makes it easy to navigate and enjoy your media and the best of the Internet. Make it personal and have fun.

Menus

Organized, categorized and ready to play – The WD TV Live streaming media player finds and categorizes all the music photos and movies on any connected USB devices and network shares and displays them in one easy-to-view menu system.

Choose from a variety of viewing options – Select thumbnail view, list view and even see a preview of your movies in your movie menu. You can add metadata to your media for better identification and sort and filter the content to easily find what you're looking for.

Customize your media experience – Select a background from beautiful, high resolution images provided by WD's Creative Masters or choose one of your own photos.

Dash to your favorites – Tag your favorites for instant playback and use the handy dashboard to quickly access your favorite personal content and Internet services. View your recent activity. Organize your movies, music, and photos in a queue and play them in sequential order.

Play photo slideshows with the music you choose – View special moments with the right music to set the mood for your next party. Select transitions and slideshow speed.

Playing video – DVD-like navigation lets you view all the content included with your movies, including complete menu navigation, chapter listings, special features, and subtitles. Select and jump to a specific time-spot in a video. Browse your video collection with its clip art in the background.

Playing music – Browse by artist, genre, and album title. Or search for your favorite titles. Create a queue and you've got a virtual DJ for your party. Preset your favorite song to a numeric key and play it with one click.

Family-ready – Share your family photos, videos, music, and files on your home network and stream to any screen in the house.

Automatic play – Select your favorite song, movie, or photo slideshow to automatically play when the device is turned on. Perfect for living art on your HDTV or for digital signage.

Play your media from your computer – This media player is Windows® 7 compatible, so you can use the "Play To" feature to easily stream your Windows 7 computer's files to your TV through your media player.*

*For more information on Play To, go to:
http://windows.microsoft.com/en-us/windows7/products/features/play-to.

Audio/Video Interface

- HDMI interface for digital audio and high-definition video.
- Composite interface (RCA, yellow/white/red) for analog AV connection.
- S/PDIF (optical) audio for high-fidelity digital audio.
- Auto source function enables the HD media player to detect and switch to a new interface connection. For example, the media player automatically switches to HD mode when it is connected through an HDMI cable.
- Video output resolution includes 480i, 576i, 480p, 576p, 720i, 720p, 1080i, 1080p.
- Stereo or multi-channel digital surround audio output (digital surround sound is only available when using the HDMI or S/PDIF interfaces).
- Wired or wireless Internet connection for access to online media content.

Plug-and-Play USB 2.0 Support*

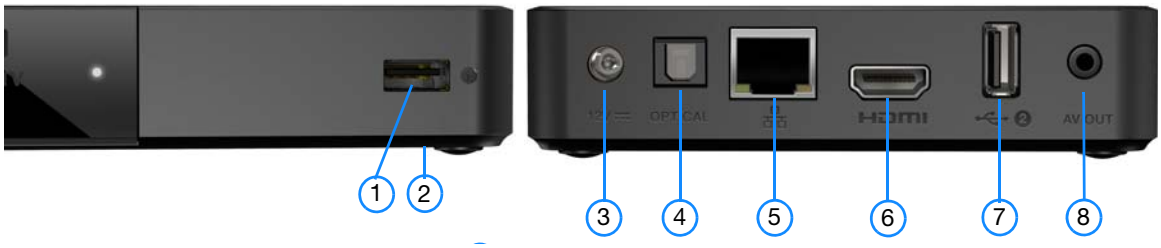
- USB storage device with a USB connector
- Portable media players with USB connector
- Digital cameras/camcorders with USB connector

*For a list of tested, compatible USB devices, see Article #5688 in our knowledge base at *http://support.wdc.com*.

USB Storage File System Support

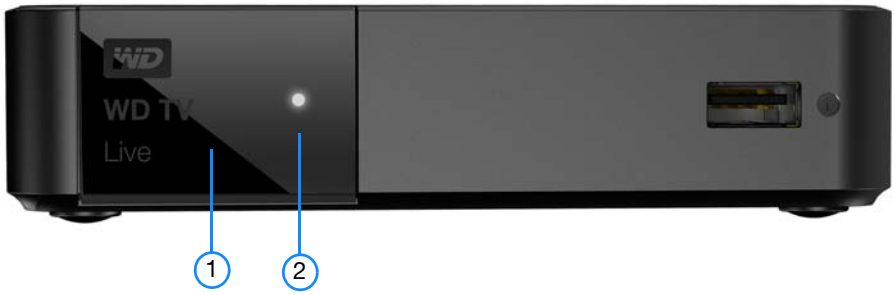
- NTFS
- FAT/FAT32
- HFS+

Connections



Item	Component	Description
1	USB port 1	Supports connection of compatible removable storage devices, portable media players, digital cameras with USB connectors, and USB wireless adapters.
2	Reset button (bottom of device)	Press for one second to reset to factory defaults (see “Device Reset” on page 192). Press and hold 10 seconds to toggle between NTSC and PAL. Use a fine-tipped stylus or the unfolded end of a paperclip to press the reset switch.
3	Power jack	Connects the power cable.
4	S/PDIF (optical) audio port	Connects to your AV receiver (S/PDIF cable sold separately).
5	Ethernet port	Supports LAN connection for wired Internet access.
6	HDMI port	Connects to your TV’s HDMI port (HDMI cable sold separately).
7	USB port 2	The same function as USB port 1.
8	Composite jack	Connect to your TV’s analog video and audio jacks.

LED Indicator



Item	Component	Description
1	Infrared receiver	• Receives signals from the remote control. Point the tip of the remote control to the infrared receiver and ensure that the path between the two is unobstructed.
2	LED	• On—The power cable is connected and the power is on. • Off—The media player is in standby mode , turned off, or the power cable is disconnected. • Steady flashing— A USB device has been discovered and the unit is being mounted in the system. If the Media Library is set to On in the Setup options (see “Media Library Compilation” on page 53), the LED flashes at the same steady constant rate. • Three short flashes followed by three long flashed followed by three short flashes—A system diagnostic failure has occurred. See “Troubleshooting” on page 198.

Remote Control

CAUTION: Do not expose the batteries or the remote control with batteries installed to excessive heat (direct sunlight, fire, etc.).

1. Infrared transmitter
2. POWER
3. Subtitle
4. PREV (track), STOP, NEXT (track)
5. Back (last screen)
6. Navigation buttons, OK
7. Previous Page
8. MUTE
9. Alpha-numeric keys
10. SEARCH
11. HOME
12. Audio
13. REV, PAUSE/PLAY, FF
14. Options
15. Next Page
16. Setup
17. Shortcut/function keys
18. EJECT (safe removal of attached storage)

Note: For additional information, see “Using the Remote Control” on page 47.

4 Getting Started

Package Contents

WD TV Live streaming media player

AC power adapter

Composite AV cable

Remote control and
Two AAA batteries

Quick Install Guide

Installation Requirements

- Standard or HDTV with a composite (standard A/V) or HDMI input
- An available network connection for online content and services

Optional: TV, stereo, or AV receiver with an optical digital (S/PDIF) or stereo audio input jack (audio playback only)

Operating System Compatibility

The media player is compatible with the following operating systems:

Windows®

- Windows XP
- Windows Vista®
- Windows 7

Mac® OS X®

- Leopard®
- Snow Leopard™

Note: Compatibility may vary depending on user's hardware configuration and operating system.

Important: For highest performance and reliability, it is recommended that you install the latest updates and service pack (SP). For Windows, go to the **Start** menu and select **Windows Update**. For Mac, go to the **Apple** menu and select **Software Update**.

Installation Procedure

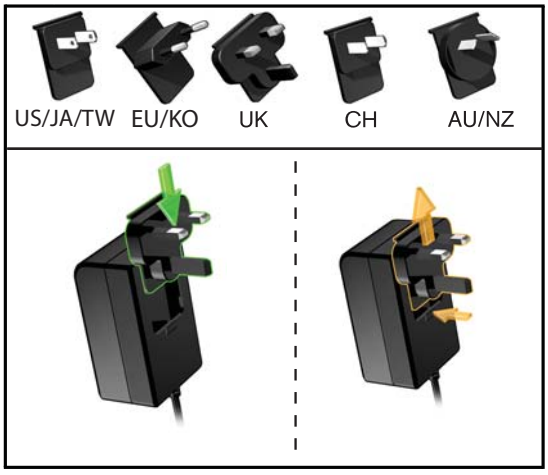
The media player installation procedure is outlined below:

1. Connect the power cable. See “Step 1 - Connecting the Power Cable” on page 13.
2. Connect the media player to your TV or entertainment unit. See “Step 2 - Connecting the Media Player” on page 14. You can use HDMI (page 15), or composite (page 16) connections.
3. Insert the batteries into the remote control.
4. Connect the USB device containing your media content (“Step 3 - Connecting a USB Device (Optional)” on page 18) and/or establish a wired or wireless network connection (“Step 4 - Connecting to Your Network” on page 20).

Step 1 - Connecting the Power Cable

1. If applicable, connect the power clip to the power cable plug.

   The AC power adapter will vary, depending on your location. Some locations do not require a power plug clip. Units sold in those locations will have a fixed power plug. Refer to the illustration below.



2. Connect the power cable to the media player's DC connector, and then plug the opposite end into an AC power outlet. The media player powers up automatically.

Step 2 - Connecting the Media Player

The following figures illustrate the cable connections supported by the media player. The standard connection uses the included composite-to-mini AV cables.

Note: HDMI and S/PDIF (optical) cables are sold separately.

Important: Configure the media player's Audio/Video settings depending on the type of connection you choose. See "Audio/Video Output" on page 170 for more information on these settings.

Choosing the Best Connection

The quality of the picture produced by your TV depends on the quality of your TV and its connection to the media player.

Connection	Quality	Connectors
HDMI	Best (up to 1080p)	Specialized, high-definition connector
Composite	Good (480i/576i)	• Yellow = video • Red = right audio • White = left audio

HDMI (High Definition)

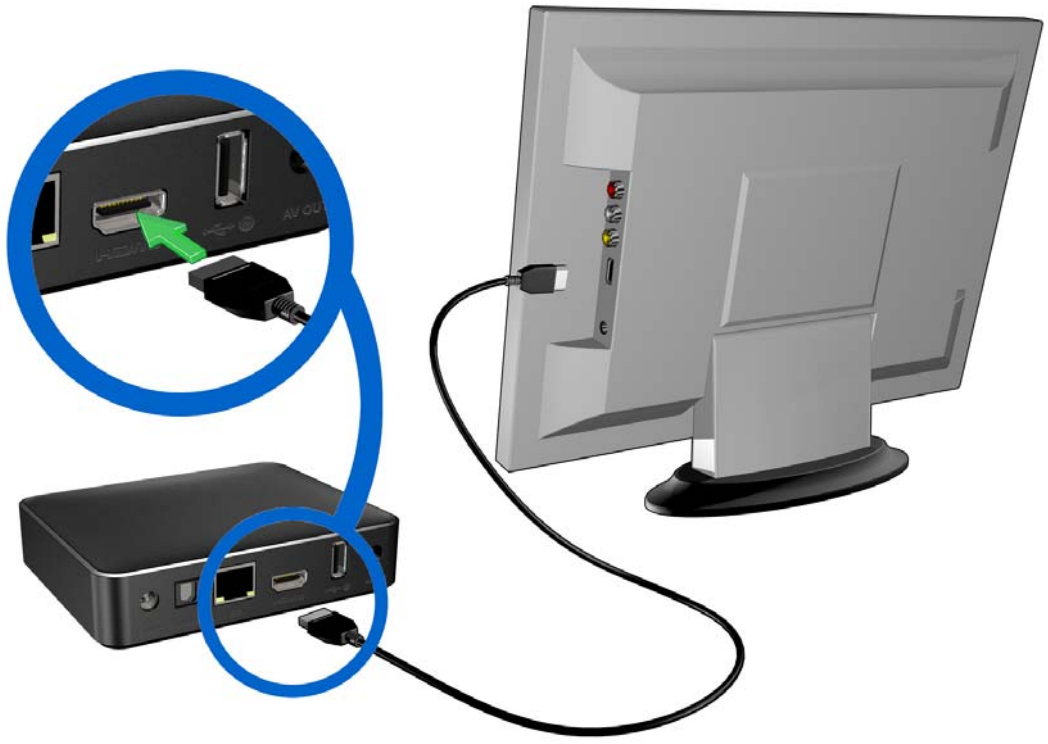
Composite (Standard Definition)

HDMI Video and Audio (High Definition)

HDMI combines high-definition video, multi-channel audio, and inter-component control in a single digital cable. This interface provides video quality resolution of up to 1080p.

To connect your media player using an HDMI cable:

1. Plug an HDMI cable into the HDMI connector on the media player.
2. Plug the opposite end into the HDMI port on your TV or audio/video system (if available).



Wait a few seconds for your TV to detect the media player. If it is not detected, you may need to change the input source on your TV to HDMI. Check the user documentation of your TV for more information.

Once the media player is detected, the splash screen displays to indicate system bootup, then the home screen of the user interface opens.

Note: HDMI cables are sold separately.

Composite AV Connection (Standard Definition)

To use a composite connection:

1. Plug the mini-connector into the composite port on the media player.
2. Plug the opposite ends into the composite input ports on your TV, yellow to yellow, red to red, and white to white.
3. Select the appropriate TV input source.

Wait a few seconds for your TV to detect the media player. If the media player is not detected, you may need to change the input source on your TV to component or composite, depending on your connection. Check the user documentation of your TV for more information.

Once the media player is detected, the splash screen displays to indicate system bootup, then the home screen of the user interface opens.

Home Theater (High Definition)

To connect a home theater system:

1. Plug an HDMI cable into the HDMI connector on the media player.
2. Plug the opposite end into the HDMI In port on your A/V receiver.
3. Plug an HDMI cable into the HDMI Out port on your A/V receiver.
4. Plug the opposite end into the HDMI port on your TV (if available).
5. Select the appropriate TV input source.

To connect a home theater system using S/PDIF:

1. Plug a S/PDIF cable into the S/PDIF connector on the media player.
2. Plug the opposite end into the S/PDIF In port on your A/V receiver.
3. Plug HDMI or composite connectors to the appropriate Out ports on the media player.
4. Plug the opposite end(s) into the appropriate port(s) on your TV.
5. Select the appropriate TV input source.
6. Set the appropriate audio output option on the media player. See “Audio/Video Output” on page 170.

HDMI and S/PDIF cables sold separately.

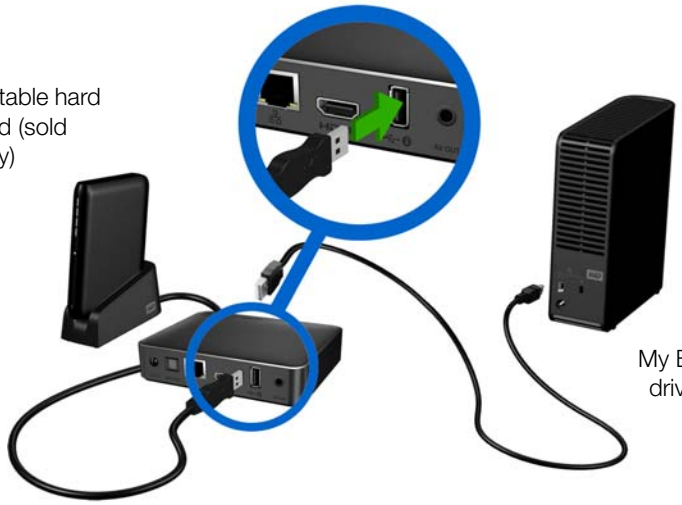
Step 3 - Connecting a USB Device (Optional)

The media player has two USB ports that support playback from WD USB external drives.*

* For a list of supported WD external drives, see article #5688 in or knowledge base at *http://support.wdc.com*.

To connect the USB device:

1. Connect the USB device to either of the media player's USB ports.



2. Wait for a few moments while the media player scans the USB device for media files. (Scanning is enabled by default. If you want to turn off automatic scanning, go to "Media Library Compilation" on page 53.)

To unlock a locked WD USB device:

A USB device must be unlocked for the media player to access its contents.

1. Navigate to the Home screen, and select the menu for the media content you wish to access. It can be Music, Videos, or Photo.
2. In the Unlock your WD Drive screen, press ◀ / ▶ to select **OK**, then press **OK**.
3. Use the navigation buttons ▲▼◀▶ to type in the USB drive access password in the on-screen keyboard. Select **Submit**, then press **OK**.

   If a wrong password is entered, press ◀ / ▶ to select **OK**, press **OK**, then type in the correct password. If you enter the wrong password five consecutive times, the USB drive is placed in a hold state. Press **OK** to close the error message. Disconnect the USB drive. Power cycle and reconnect the USB drive and type in the correct access password.
4. Once the USB drive has been unlocked, the menu bar for the selected media type will appear. Press ▲ / ▼ to choose a filter option for displaying supported media contents, then press **OK**.

   Supported content for the selected media type will be displayed.
5. Use the navigation buttons ▲▼◀▶ to select the content you wish to access, then press **OK** to start media playback.

Removing a USB Device

To prevent data loss, it is highly recommended that you first press the **EJECT** button on the remote control before removing a USB device.

To remove a USB device:

1. Press the **EJECT** button
2. Press ▲/▼ to select the USB device.
3. Press **OK**. With the selected, press **OK** again.

4. Disconnect the USB device from the media player.

Step 4 - Connecting to Your Network

The media player can be connected to your home network to access the Internet and network storage using a wired or wireless network connection. A network connection provides access to locally stored and online media content.

After connecting the media player to your TV and turning it on, the network setup wizard starts up. Press ▲/▼ to select your language, then press **OK**.

For detailed instructions on wireless and wired and wireless network connections, go to the next page (“Network Setup” on page 21).

Accessing Media Content from the Network

See “Finding Your Content” on page 26.

Accessing Online Media Content

See “Internet Services” on page 92.

5

Network Setup

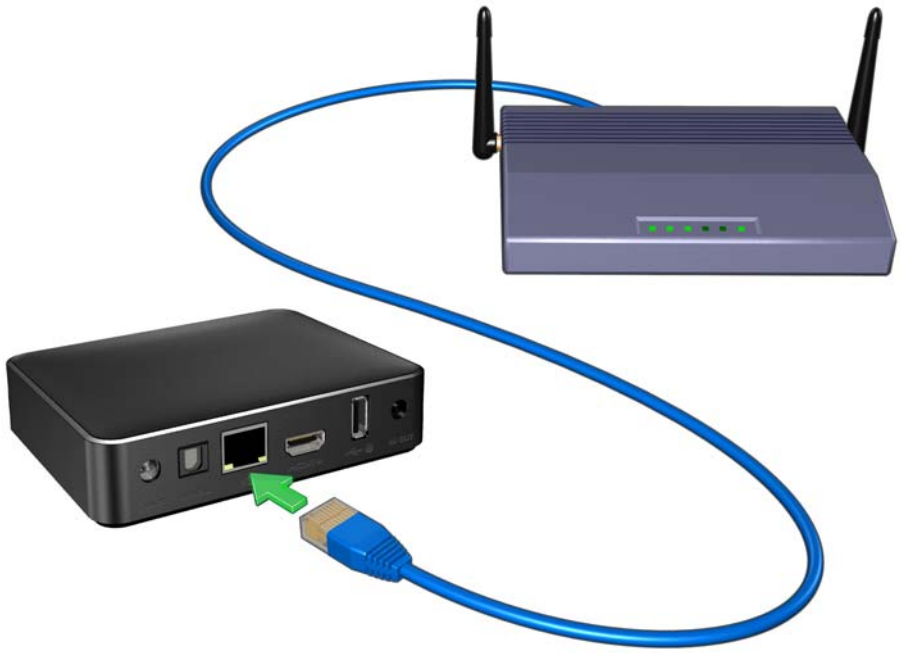
The media player can be connected to the local area network using a wired or wireless network connection for access to streaming video and online and offline media content.

Important: Streaming over wi-fi may be unstable due to various reasons such as a weak network connection, signal strength, variable speeds, or other environmental factors. You can create instant high-speed, wired network connections and gain fast, reliable access to the Internet without running wires all over your house using WD Livewire™ Powerline AV Network kit (sold separately). For more information, visit *http://products.wdc.com/WDLivewire*.

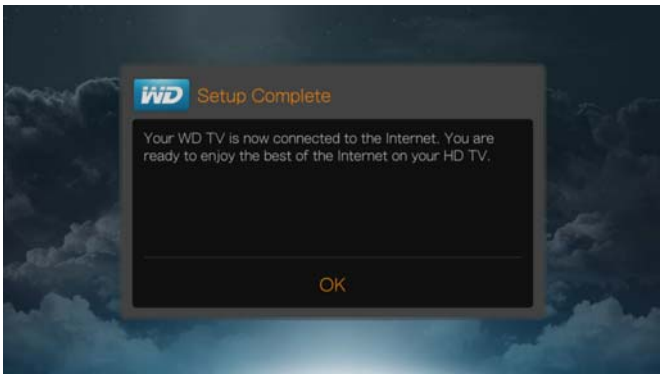
Ethernet Network (Wired) Setup

Follow these steps to automatically set up a wired network connection:

1. Press ▲/▼ to select your language in the setup wizard Welcome screen, then press **OK**.
2. Plug an Ethernet cable into the Ethernet connector on the media player.
3. Plug the opposite end of the Ethernet cable directly into a LAN port on a router or network switch.



4. The wizard begins automatic network connection. When finished, the following screen displays. Press **OK**.



To change or manually configure your wired network setup (recommended for advanced users only), see “Network Setup” on page 182.

Wireless Network Setup

You have four options for setting up your wireless network:

- **Automatic** – Select an available access point found by the media player.
- **Manually enter the wireless network name** – Use the on-screen keyboard to input the network name (SSID) manually (when SSID not set to broadcast).
- **Wi-Fi Proctected Setup** (WPS) – Enter a PIN or push the WPS button on the router (if available).
- **Windows Pairing Code** – This option is only available via the Setup menu. See “Get Windows Pairing Code (Windows 7)” on page 184

Note: The recommended setting on Wireless N routers is 802.11n-only with a channel width of 20/40 MHz. If you are using a wireless-N access point (AP) and it has been set to operate in 802.11n mode with a security setting of anything other than WPA2-PSK+AES or None, then media player will operate at lower 802.11g rates. Disabling wireless security is not recommended.

Auto Search or Manually Enter Wireless Network Name

1. Press ▲/▼ to select your language in the setup wizard Welcome screen, then press **OK**.
2. *Auto Search*: Press ▲/▼ to select your wireless network from the list, and press **OK**. Proceed to step 5.

Manual: Depending on your wireless network setup, you may want to manually type in the name of your network. In this case, navigate to the keyboard icon on the right side of the screen, press **OK**, and proceed to the next step.

3. Use the navigation buttons ▲▼◀▶ to type in the SSID for the access point you want to connect to, select **Submit**, then press **OK**.

4. Press ▲/▼ to select the wireless network encryption type , then press **OK**.

5. If necessary, use the navigation buttons ▲▼◀▶ to type in the passcode for the access point, select **Submit**, then press **OK**.

6. Once the network is successfully set up, press **OK** to display the Home screen.

Wi-Fi Protected Setup (WPS)

1. Press ▲/▼ to select your language in the setup wizard Welcome screen, then press **OK**.
2. Navigate to the WPS icon on the right side of the screen, and press **OK**.
3. Press ▲/▼ to select the method you want to use, then press **OK**.

Wi-Fi Protected Setup (WPS)
Choose a WPS method to setup your wireless network
By pressing the WPS button from the router
By entering PIN code

WPS Button

1. Press the WPS button on your wireless router.
2. Press **OK** on the remote.

Wi-Fi Protected Setup (WPS)
By pressing the WPS button from the router
Step 1: Press the WPS button on your wireless router to initiate the setup.
Step 2: Select Connect on your TV; then the screen will notify you when the setup is complete.
Connect

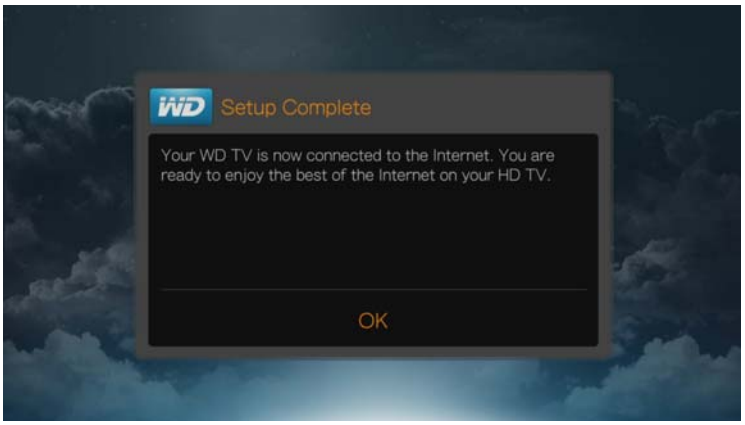
PIN Code

1. Enter the WPS PIN code shown on-screen in your wireless router's web configuration page.

Wi-Fi Protected Setup (WPS)
By entering PIN code
Step 1: Enter the WPS PIN code below at your wireless router's web configuration page.
Step 2: Select Connect on your TV; then the screen will notify you when the setup is complete.
0837-4681
Connect

2. Press **OK** on the remote.

After performing one of the wireless setup functions above, press **OK**.



After establishing a network connection, you can:

- Use the Internet services integrated into your media player to access streaming media. See “Internet Services” on page 92 for more information on these services.
- Access your media files on the network. See “Finding Your Content” on page 26.

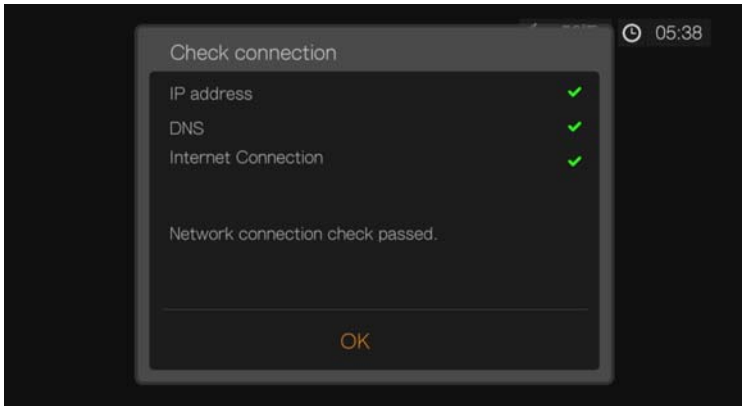
Checking the Network Connection

If you experience network problems, check the network connection to determine the cause of the problem.

To check the network connection:

1. Press **Setup** or navigate to the Home | Setup menu bar.
2. Press ▲/▼ to select **Network Settings**, then press **OK**.
3. Press ▲/▼ to select **Check Connection**, then press **OK**.

   The unit will automatically check the network connection. Once the check is completed, the results display. A green check mark on these items indicate that there is no problem with your network settings. If a problem is indicated, check your router settings and manual for a solution.



   A red cross mark indicates a problem with the network settings. It can either be the IP address or the DNS server address. If the problem persists, check with your Internet service provider.

6

Finding Your Content

This section describes how you can use the media player to access your digital media collection over the local network.

- **Access network attached storage** – view and play back digital media content stored on your network attached storage device or media server. See "Accessing Media Content" on page 26.
- **Access your online media** – view and play back your digital media content stored in your Facebook or Picasa online accounts. See "Accessing Media Content" on page 26.
- **Attach USB storage** – attach a USB storage device to the media player and transfer media files back and forth to it using your computer. See "Transferring Files" on page 30.
- **Share a folder on your computer** – view and play back digital media content stored on your computer by sharing one or more folders containing the media. See "Share a Folder on Your Computer" on page 35.

Accessing Media Content

Once the media player has an active network connection, you can access media content from a NAS device or shared computer located on the same network as your media player. You can also access content from USB storage connected to the media player. The benefits and applications of each content source type are described below.

To access media content from a network share, media server, USB storage, or online account:

1. Navigate to the Home screen, and select the menu for media content you wish to access. It can be Music, Videos, or Photos. Press **OK**.
2. Press **OK** to select a new content source or press B or ▲/▶ to select Select Content Source, then press **OK**.
3. Press ▲/▼ to select the network resource where the media content you want to access is located, then press **OK**.

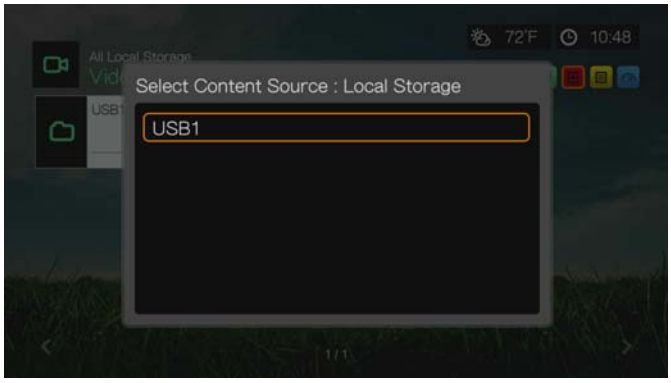
Content Source	Best for accessing...
My Media Library	All available network shares and attached USB storage
Local Storage	Storage devices attached to USB ports 1 and/or 2
Media Server	Network-attached media server devices (more metadata info)
Network Share	
Samba	Windows and Mac network shares, most network attached storage drives
NFS	Linux network shares (recommended for advanced power users)
Online Service	Photos and videos posted in your Facebook and Picasa online accounts.

My Media Library

The benefit of selecting this option is that it shows all the aggregated content on your network attached storage and USB storage together in one view. However, it does take longer to scan all the storage content compared to selecting a more specific option for content retrieval.

Local Storage

Select Local Storage to access media content on one or more USB storage devices connected to the media player's USB 1 or USB 2 ports.



After selecting USB 1 or USB 2, the media player scans the drive to build the media library by default (if enabled).

If the media player and your computer are attached to the network, you can transfer files back and forth between your computer and the USB storage device. See "Transferring Files" on page 30.

Media Server

This menu displays network attached UPnP media servers (such as the WD TV® Live Hub™ media center) connected to your network via the DLNA protocol.

The benefit of using a media server is that it aggregates the content together from the device that is hosting it. The media server hosts a list of supported file formats with metadata information that allows a client device like the media player to easily browse and play back the content.

However, using a media server can restrict supported file types and you may not be able to see all the files stored in the media server. When using a Network Share, every file is presented to the media player and it does the content filtering based on what it can support.

Follow the steps below under “Accessing a Shared Folder,” selecting the name of your media server and referencing your media server documentation for password setup and administration if necessary.

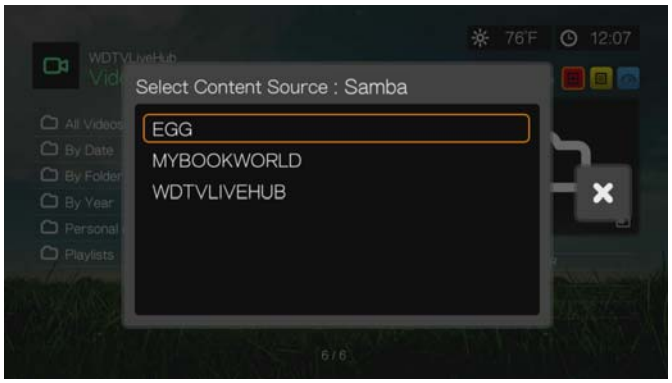
Network Share

The media player supports both Samba and NFS network shares.

Samba

Samba (also known as SMB) is a more common protocol among devices such as PC, NAS, and Mac (before Lion). If you want to simply discover and/or share a folder on the network to be accessed by the media player, Samba is a common method, especially for Windows.

Samba displays shared computers and network attached storage devices (such as WD's My Book® Live™ personal cloud storage NAS drive) connected to your network via the Samba protocol.



NFS

NFS is popular with power users and Linux users because of the increased speed and performance it can provide. NFS is better suited to Linux since using NFS with Windows requires installation of third party applications.

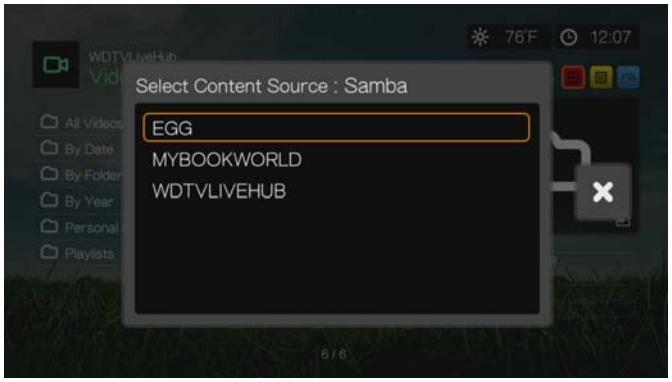
Follow the steps below under "Accessing a Shared Folder," selecting the name of your NAS device or computer and referencing your NAS device or operating system documentation for password setup and administration if nessecary.

Accessing a Shared Folder

To create a shared folder, follow the instructions under "Share a Folder on Your Computer" on page 35.

To access a shared folder under Network Share:

1. Select the name of your computer and press **OK** twice.



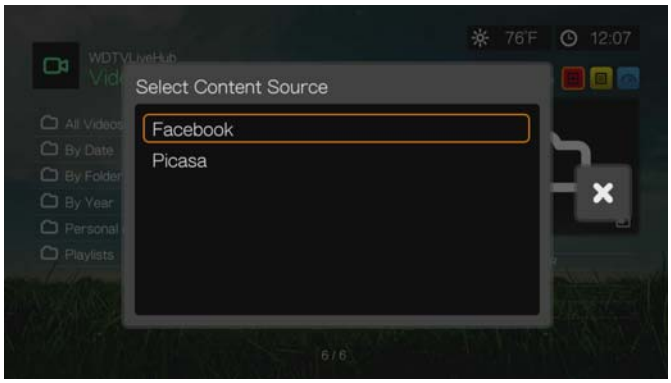
2. If necessary, enter your user name and password to access your computer, or accept the default login. For further information regarding password setup and administration, refer to your operating system documentation.
3. Press ▶ to select **OK**, then press **OK**. Supported content for the selected media type displays.
4. Select the content you wish to access, then press **OK** to start media playback.

Accessing Network Attached Storage

Follow the steps above under “Accessing a Shared Folder,” selecting the name of your NAS device and referencing your NAS device documentation for password setup and administration.

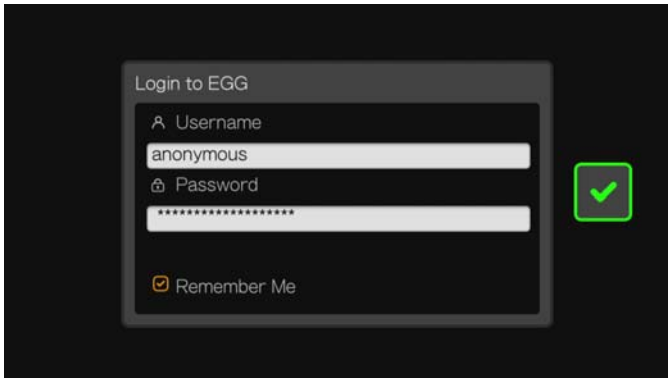
Online Service

This menu allows you to connect to media content stored in your Facebook and Picasa online accounts. Select **Facebook** or **Picasa** and enter your user name and password to access your media content.



Logging in to a Network Resource or Online Account

When accessing a network resource, you need to enter in the user name and password for the device or account using the on-screen keyboard. In some cases, a default anonymous login displays if no password is set for the device. When this happens, accept the default login, select ✔, then press **OK**.



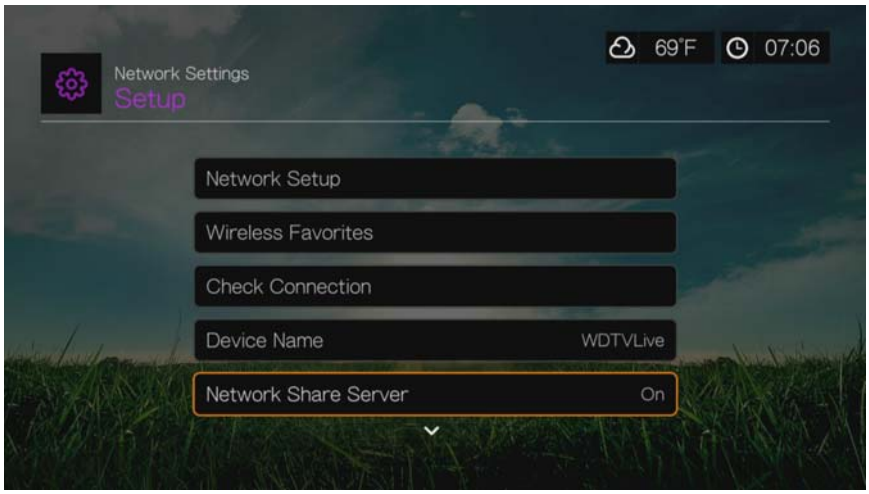
Select **Remember Me** and press **OK** to have the media player remember the user name and password for the resource.

Transferring Files

If the media player has an active network connection, any USB drive connected to it can serve as a network drive. This allows you to transfer files between your media player and your computer. This feature is applicable to a PC running the Windows® XP, Windows Vista®, or Windows 7 operating systems, as well to a Macintosh® computer running Mac® OS X® Leopard® or Snow Leopard®.

Enabling File Sharing on the Network Share (Samba Server)

1. Navigate to the Home | Setup menu bar.
2. Press ▲/▼ to select Network Settings, then press **OK**.
3. Press ▲/▼ to select **Network Share Server** and make sure the option is set to **On**.

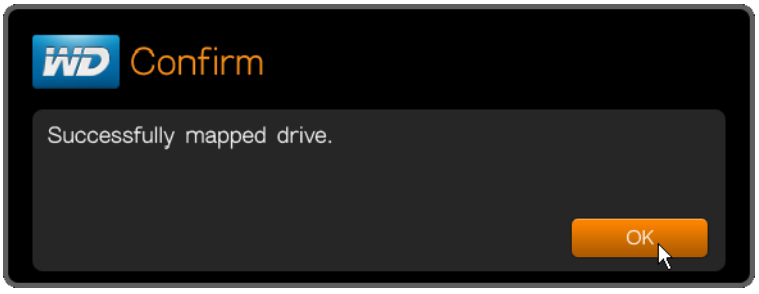


4. Note the name indicated in the **Device name** field. This will help you identify your media player on the network.

Moving Files Between the Media Player and a Windows Computer

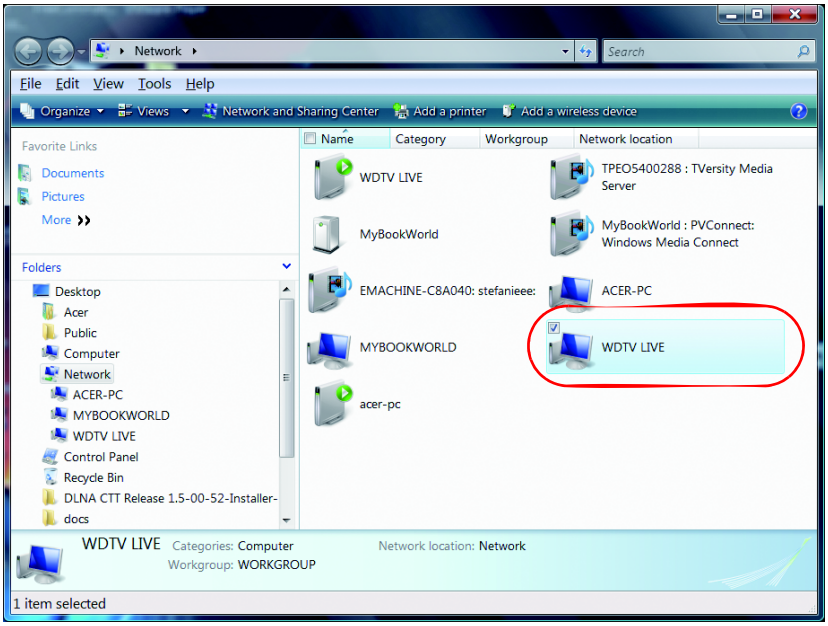
1. Connect the USB hard drive you need for the file transfer to your media player.
2. Ensure that your computer is on the same network as your media player and that the file sharing option is enabled. Refer to Windows Help for instructions on how to enable file sharing on your computer.
3. Download the WD Link tool from *http://products.wdc.com/WDTVLiveG3*.
4. Double-click on the downloaded installer file and follow the on-screen prompts to install WD Link.
5. Click or **Start**, then click **Programs > WD Link > WD Link**.
6. Click **WD TV Live** in the Network Storage Found list.
7. The USB drive connected to your media player displays in the Drive Mapping list. Click the USB drive you need for the file transfer.
8. Select an available drive letter from the Available Drive Letters list.
9. Click **Map Drive**.

10. Click **OK**.

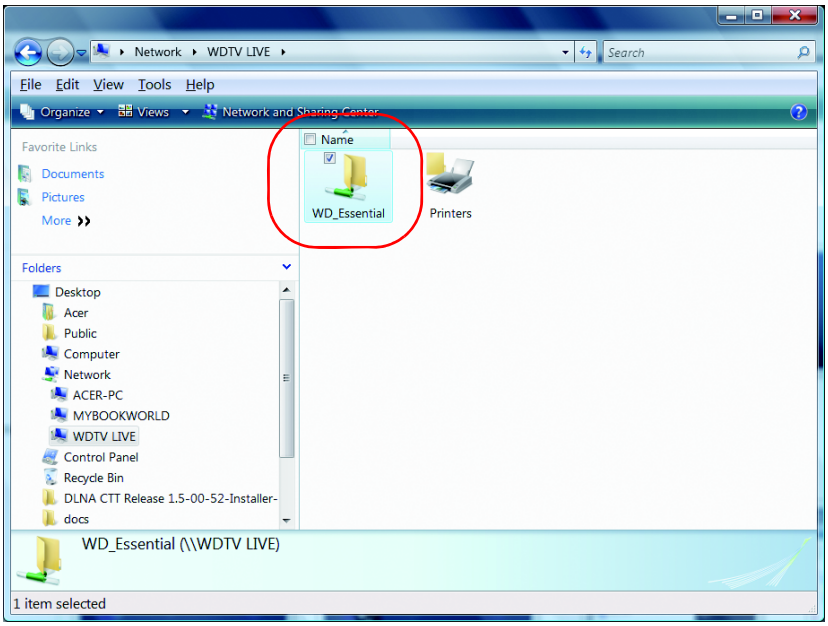


Moving Files Between the Media Player and a Windows Vista / Windows 7 Computer

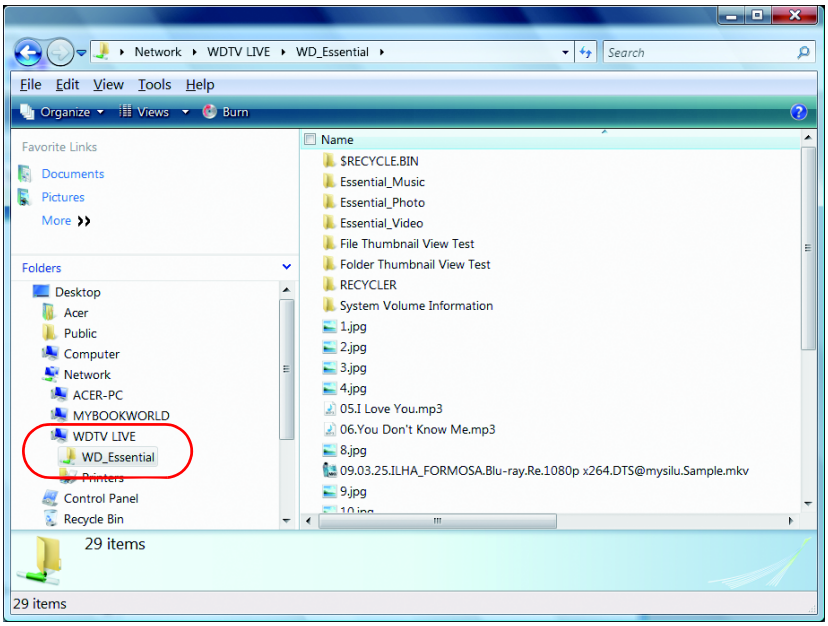
1. Connect the USB hard drive you need for the file transfer to your media player.
2. Ensure that your computer is on the same network as your media player and that the file sharing option is enabled. Refer to Windows Help for instructions on how to enable file sharing on your computer.
3. Open a Windows Explorer window, then click **Network**. Your media player is listed on the network resources list.



4. Click the device corresponding to your media player.



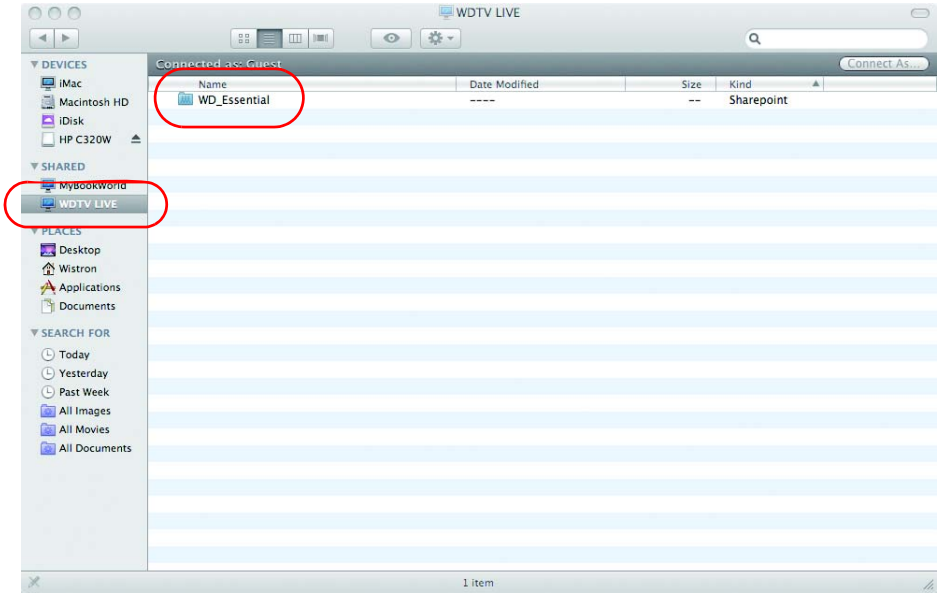
5. Click the USB drive you need for the file transfer to display its contents.



6. Locate the file(s) you intend to transfer and do a Copy/Paste, Cut/Paste, or Drag/Drop operation.

Moving Files Between the Media Player and a Mac Computer

1. Connect the USB hard drive you need for the file transfer to your media player.
2. Ensure that your computer is on the same network as your media player and that the file sharing option is enabled. Refer to Apple Help for instructions on how to enable file sharing on your computer.
3. Open a Finder window.
4. On the Finder side bar, click **Shared**. Your media player is listed on the shared resources list.
5. Click the device corresponding to your media player. The USB drive connected to your media player displays.



6. Click the USB drive you need for the file transfer to display its contents.
7. Locate the file(s) you intend to transfer and do a Copy/Paste, Cut/Paste, or Drag/Drop operation.

Share a Folder on Your Computer

You can view and play back digital media content stored on your computer by sharing one or more folders containing the media.

Make sure the media player and your computer are both attached to the network, then follow the instructions below for your operating system (Windows 7/Vista/XP or Mac).

Important: Be sure to update your operating system to the latest update or service pack. Depending on your network's configuration you may need to disable or adjust your Firewall settings to view your shared folder on your network. Contact your Firewall manufacturer for assistance.

When finished following the instructions for your operating system, go to “Accessing a Shared Folder” on page 29.

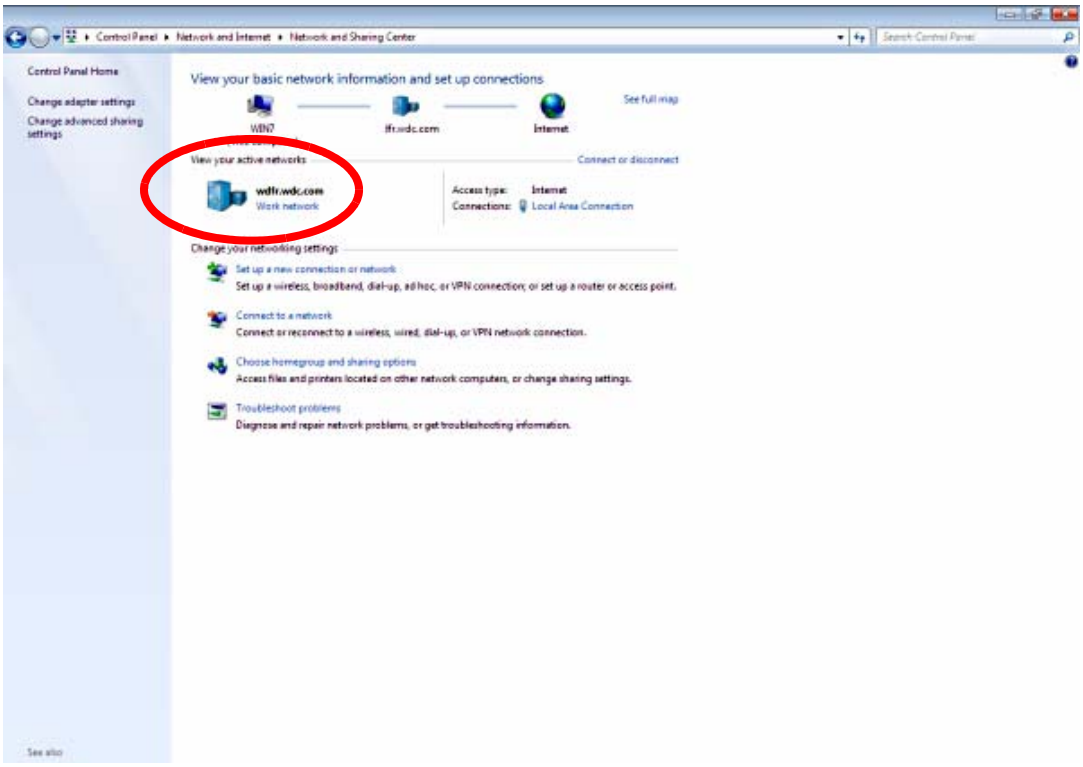
Windows 7

Change Settings to Allow Folder Sharing

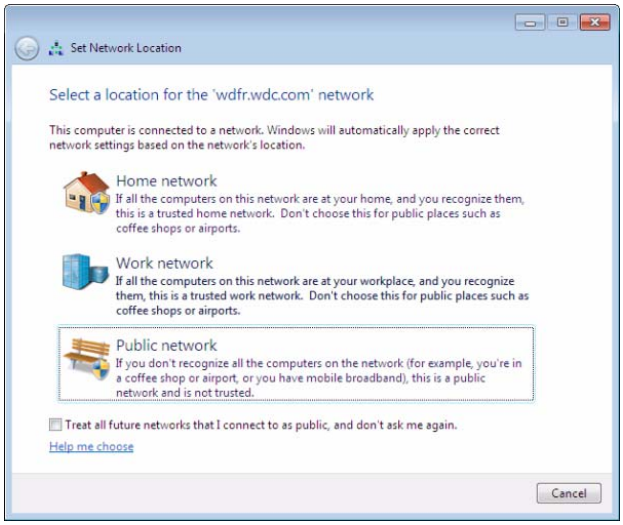
The first thing you need to do to allow folders to be shared with the WD TV Live is to determine how your network is configured. Follow the instructions below to determine what kind of network you have.

1. From the Control Panel, click **Network and Internet**.
2. Click **Network and Sharing Center**.

3. Look under View your active networks to determine if your network is Home, Work, Public, or Domain.


Control Panel ▸ Network and Internet ▸ Network and Sharing Center
Control Panel Home
Change adapter settings
Change advanced sharing settings
View your basic network information and set up connections
See full map
WIN7
lft.wdc.com
Internet
View your active networks
Connect or disconnect
wdfr.wdc.com
Work network
Access type: Internet
Connections: Local Area Connection
Change your networking settings
Set up a new connection or network
Set up a wireless, broadband, dial-up, ad hoc, or VPN connection; or set up a router or access point.
Connect to a network
Connect or reconnect to a wireless, wired, dial-up, or VPN network connection.
Choose homegroup and sharing options
Access files and printers located on other network computers, or change sharing settings.
Troubleshoot problems
Diagnose and repair network problems, or get troubleshooting information.

4. If you have a Work network, proceed to step 6. If you have a Public network, click the **Public network** link.
5. Click **Work network**.


Set Network Location
Select a location for the 'wdfr.wdc.com' network
This computer is connected to a network. Windows will automatically apply the correct network settings based on the network's location.
Home network
If all the computers on this network are at your home, and you recognize them, this is a trusted home network. Don't choose this for public places such as coffee shops or airports.
Work network
If all the computers on this network are at your workplace, and you recognize them, this is a trusted work network. Don't choose this for public places such as coffee shops or airports.
Public network
If you don't recognize all the computers on the network (for example, you're in a coffee shop or airport, or you have mobile broadband), this is a public network and is not trusted.
Treat all future networks that I connect to as public, and don't ask me again.
Help me choose
Cancel

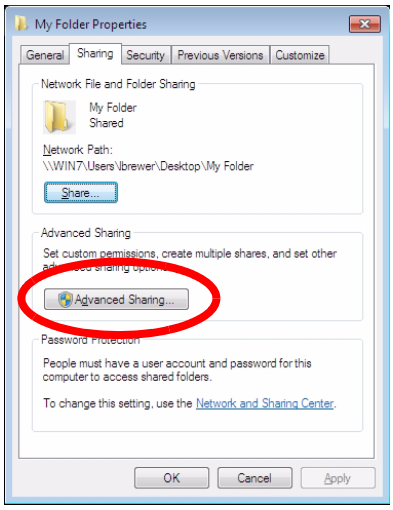
6. Click the **Choose homegroup and sharing options** link.
7. Click the **Change advanced sharing settings...** link.
8. Ensure that the following options are selected: **Turn on network discovery**, **Turn on file and printer sharing**, **Media streaming is off**, and **Allow Windows to manage homegroup connections (recommended)**.

Note: WD does not support streaming from a domain server, or a computer attached to a domain, to the WD TV Live. Please contact your domain administrator or Microsoft® Support for assistance.

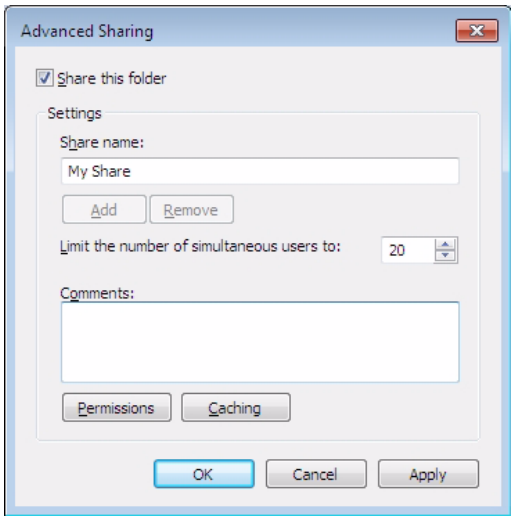
Share a Folder

Follow the instructions below to share a folder in Windows 7.

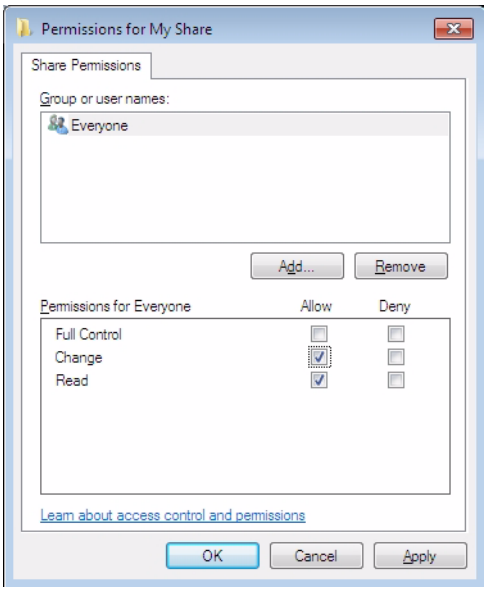
1. Navigate to the folder you want to share. Once found, right-click on the folder and select **Properties**.
2. Click the **Sharing** tab.
3. Click the **Advanced Sharing** button.



4. Click the **Share This Folder** box.
5. Enter the name you would like this folder to appear on the network as in the **Share name** box.
6. Click the **Permissions** box.



7. Select the users you would like to give access to and the permissions you would like to assign to that user, then click **OK**.



8. Click **OK** to close the Advanced Sharing window.
9. Finally, click on **OK** one more time to close the folder properties window and save your changes.

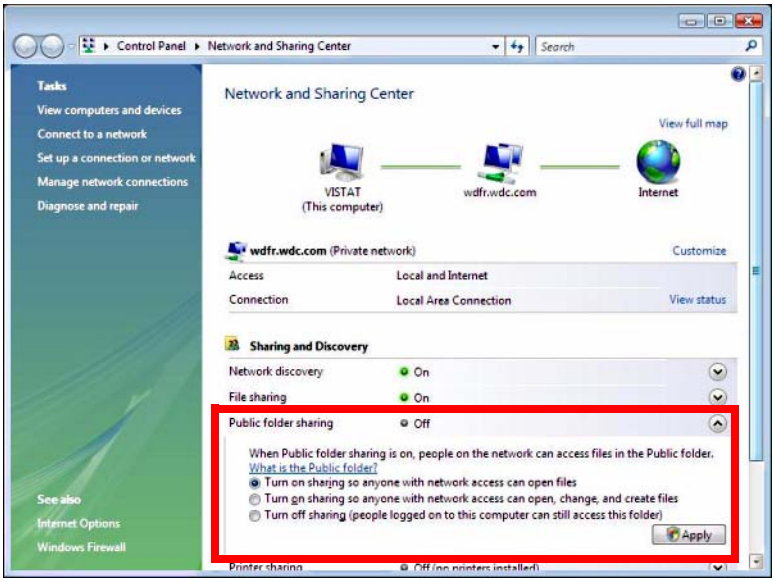
Windows Vista

Change Settings to Allow Folder Sharing

Follow the instructions below to configure your computer for folder sharing in Windows Vista.

1. Open the Network And Sharing Center from the Control Panel.

2. Next to the name of the network look to see if it is a Private or Public network.
3. If your network is Private skip to step 5 below. Otherwise, click the **Customize** link.
4. Click **Private**, then click **OK**.
5. If it is set to **Off** expand the **File Sharing** field and change it to **On**.
6. If you want to share the pre-designated Public folders in Windows, expand the **Public folder sharing** field under Sharing and Discovery.

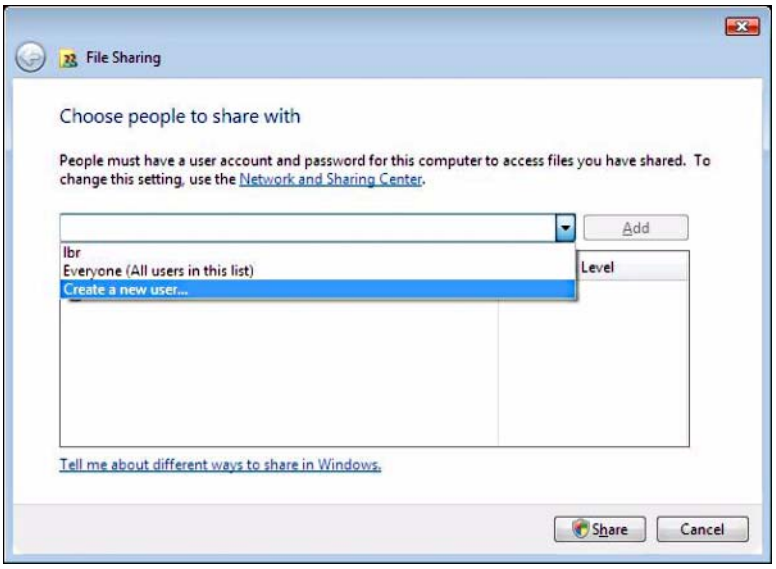


7. Select your choice of the two "**Turn on sharing...**" options.
8. Click **Apply**.

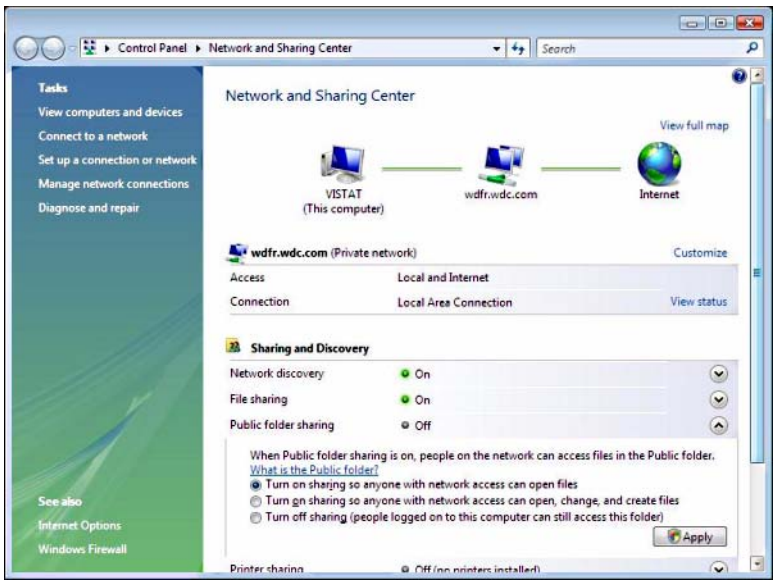
Share a Folder

Follow the instructions below to share a folder in Windows Vista.

1. Navigate to the folder you want to share. Once found, right-click on the folder and click **Share**.
2. If your system requires a login to access a shared folder, select a User account to assign to the share, then click **Share**. Otherwise, simply click the Share button.


File Sharing
Choose people to share with
People must have a user account and password for this computer to access files you have shared. To change this setting, use the Network and Sharing Center.
Add
Ibr
Everyone (All users in this list)
Create a new user...
Level
Tell me about different ways to share in Windows.
Share
Cancel

3. Under Sharing and Discovery expand the **Public folder sharing** field.



4. Depending on your system speed you may or may not see a progress bar while the permissions on the folder are updated. Click **Done**.

Windows XP

Follow the instructions below to share a folder in Windows XP.

1. Right-click on the folder you want to share and select **Sharing and Security**.
2. Click **Share this folder**.
3. Choose a name you want the folder to appear as on your network and enter it in the **Share Name** field.

Note: You can also set a maximum number of users able to access your drive at one time. To do this, click "Allow this number of users: " and set the number in the field to the right.

4. Click **OK**.

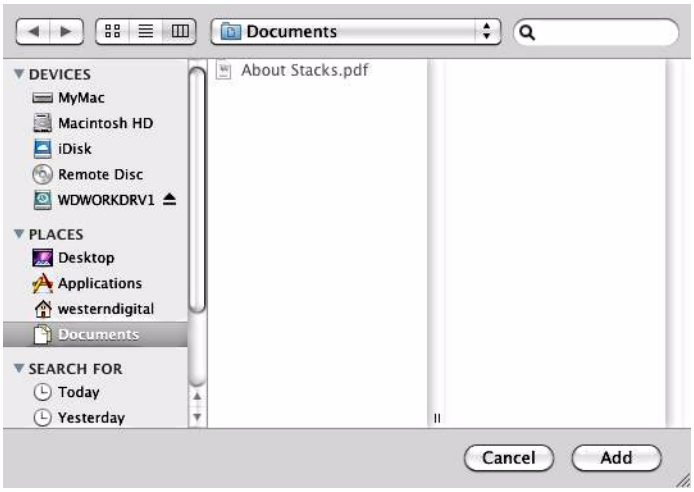
Mac

Follow the instructions below to share a folder within Mac OS 10.5 or 10.6.

1. Open the Apple menu from the upper left corner of your screen and click **System Preferences**.
2. Click the **Sharing** button under the Internet & Wireless group.

3. Choose a name for your computer on the network and type it in the **Computer Name** field.
4. Click the box next to **File Sharing** to turn on the file sharing service. Then click on the **+** sign button below the **Shared Folders** box.

5. To share additional folders beyond the default Public folder, select the folder you would like to share and click the **Add** button.



6. Click on the red **x** in the upper left corner to close the window.

Using the Web UI

The media player provides a Web-based user interface (UI) that can be used to control certain functions. You must use a network-connected computer or smart phone to use the Web UI.

Important: Your media player must be set up on the network (see "Network Setup" on page 21 for further information) to use the Web UI.

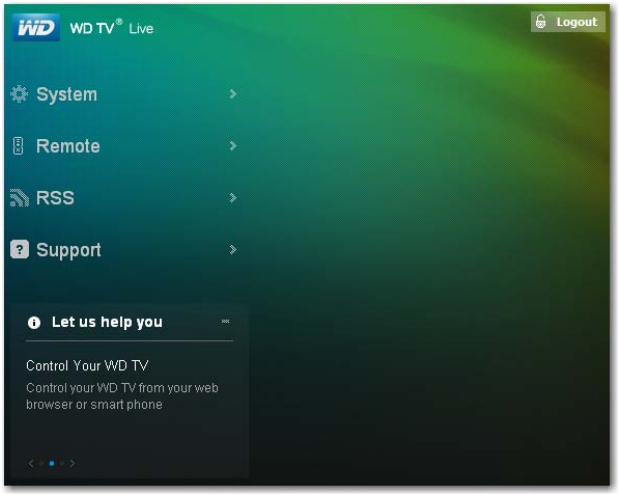
Launching the Web UI

1. Open a Web brower and type in your media's center's IP address in the address field. Press **ENTER** on your computer keyboard.

   Note: To find your media player's IP address, press **Setup** on the remote controller and navigate to **Network Settings**. Select **Network Setup** to see the media player's IP address.

2. The Web UI launch page displays. Enter the default password ("admin") in the **Password** field.
3. Select your preferred language from the **Language** list.
4. Click **I accept END USER LICENSE AGREEMENT**, then click **Login**. You can also click **Keep me signed in**.

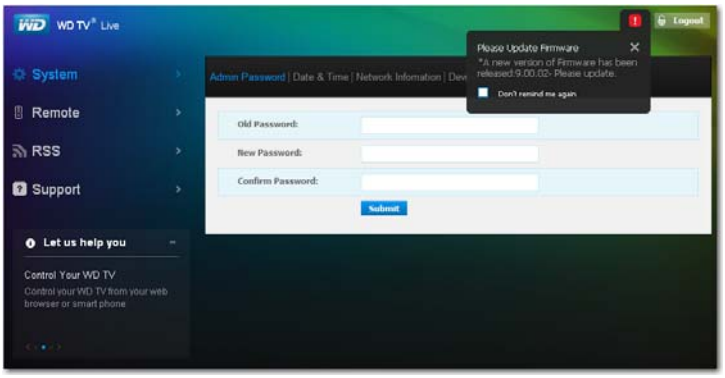
5. The Web UI menu options display.



System

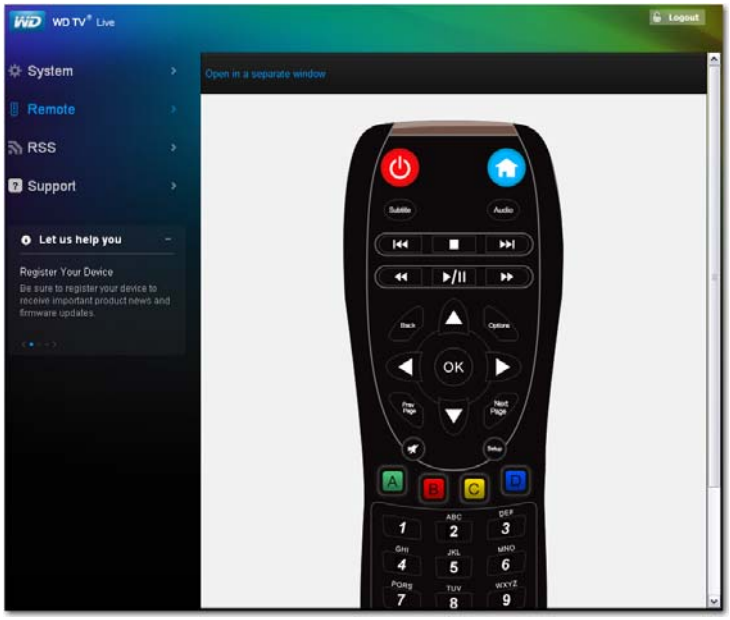
Click **System** in the Web UI home page to manage the system status of your media player and view general network information and important messages. You can

change the password, set system preferences, and choose date and time settings using these options.



Remote

Click **Remote** in the Web UI home page to control the media player using your computer. Click the buttons on the virtual remote controller to control your media player (see “Using the Remote Control” on page 47 for further information).

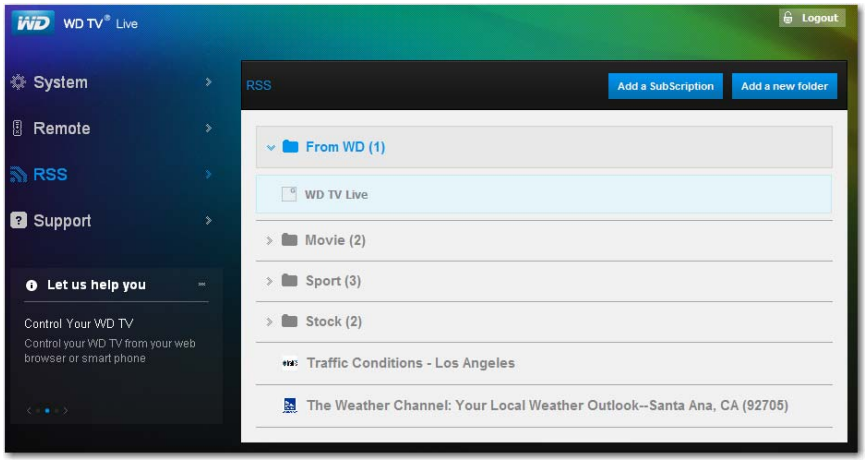


Click the **Open in separate window** link to open the virtual remote controller in a new browser screen. You can copy the URL from this browser screen and enter it in a browser on your smartphone. Then, you can use your smartphone as a virtual remote controller by touching the buttons on the screen.

Enter on-screen keyboard commands in the **Submit** field using your computer or smartphone keyboard, then click or press **Submit** when finished.

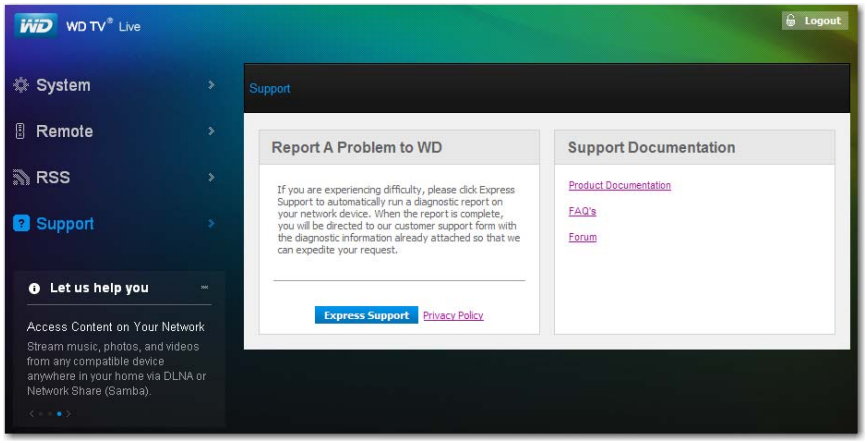
RSS

Click **RSS** to view your RSS subscriptions and category folders. Here, you can add a new subscription or a new folder to categorize your subscriptions.



Support

Click **Support** to access Express Customer Support and Support Documentation including product documentation, FAQ's, and a WD TV user forum.


WD TV Live
Logout
System
Remote
RSS
Support
Let us help you
Access Content on Your Network
Stream music, photos, and videos from any compatible device anywhere in your home via DLNA or Network Share (Samba).
Support
Report A Problem to WD
If you are experiencing difficulty, please click Express Support to automatically run a diagnostic report on your network device. When the report is complete, you will be directed to our customer support form with the diagnostic information already attached so that we can expedite your request.
Express Support
Privacy Policy
Support Documentation
Product Documentation
FAQ's
Forum

Logout

Click the **Logout** button in the main menu to log out of the Web UI.

7

Operating the Media Player

Using the Remote Control

The media player's ergonomic remote control lets you navigate the Home screen, browse for media files, enable playback options, and customize the system settings. The infrared sensor detects signals from the remote.

Important: Make sure there are no obstructions between the remote control and the infrared sensor on the media player.

Button	Function
HOME	Displays the main menu and the various options for playback of files and device setup.
POWER	Suspends the device into sleep mode and turns off video output. Press and hold the power button for five seconds to completely shut down the media player.
Navigation buttons	Navigate through Home options, menu screens, media libraries, on-screen keyboards, and toolbars.
OK	• Displays the media directories and Settings screens. • Turns information bar ON or OFF. • Begins playback of the selected media file. • Enables the currently selected setting in a Settings option screen.
STOP	Discontinues playback.
Back	Goes back to the previous screen.
REV (reverse)	Scans backward during audio/video playback. Supports the following speeds: 2×, 4×, 8×, 16×.
PREV	• Press once to jump to the start of the audio/video file. • Press twice to jump to the previous audio/video/image file. • Press to page up. • During Video REV mode, press to skip back 10 minutes.
SEARCH	Locates a media file in the current folder. This function is only available when the Media Library setting is enabled. Does not search subfolder.
Options	During playback, displays additional playback options. From an online media content screen, press to display more service options.
PAUSE/PLAY	Toggles between pause and playback.
FF (fast forward)	Scans forward through the audio/video playback. Supports the following speeds: 2×, 4×, 8×, 16×.
NEXT	• Skips to the next audio, video, or image file. • Press to page down. • During Video FF mode, press to skip forward 10 minutes.

Button	Function
EJECT	Safely removes a USB device
MUTE	Turns off the volume output
Subtitle	Switches a video's subtitles (if applicable)
Audio	Switches a video's audio stream (if applicable)
Setup	Brings up the Setup menu
Alpha-numeric keys	• Pressing any of these keys once inputs the corresponding number. • Pressing keys 2-9 multiple times inputs the corresponding alpha characters. • While listening to a song or music playlist, press and hold any of the 0-9 buttons to create a preset.
A, **B**, **C**, **D**	User assignable shortcut/function keys. See "Remote Settings" on page 188. Default settings are as follows (only valid when inside the Videos, Music, or Photos menus): Pressing A activates the sort and filter menu. Pressing B activates the select content source menu. Pressing C activates the change view menu. Pressing D activates the dashboard menu.

Using a USB Keyboard

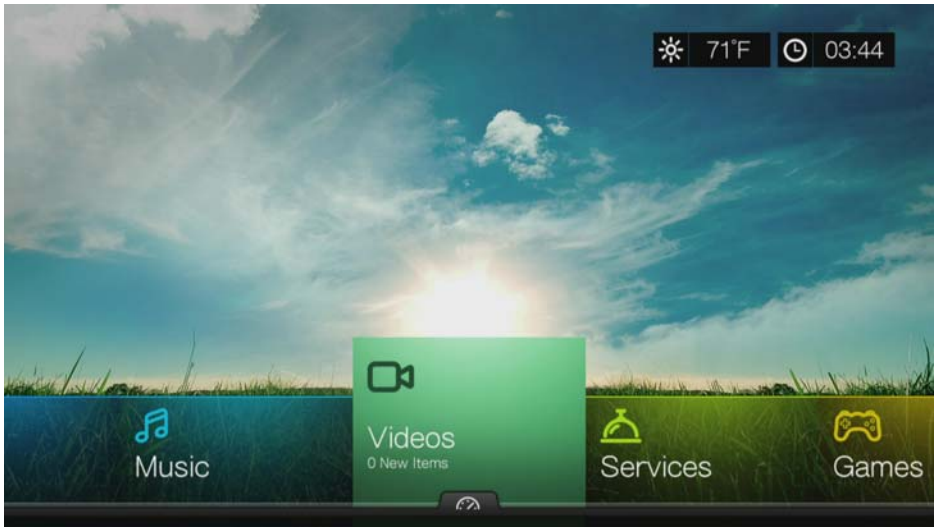
As an alternative to using the remote control, you can plug a USB keyboard into either of the two USB ports on the media player.

Key or key sequence	Function
HOME	Displays the main menu and the various options for playback of files and device setup.
CTRL + P (Power)	Suspends the device into sleep mode and turns off video output.
UP, **DOWN**, **LEFT**, & **RIGHT ARROWS**	Navigate through Home options, menu screens, media libraries, on-screen keyboards, and toolbars.
ENTER	• Displays the media directories and Settings screens. • Turns information bar ON or OFF. • Begins playback of the selected media file. • Enables the currently selected setting in a Settings option screen.
S (Stop)	Discontinues playback.
ESC (Back)	Goes back to the previous screen.
- (Reverse)	Scans backward during audio/video playback. Supports the following speeds: 2×, 4×, 8×, 16×.

Key or key sequence	Function
P (Previous)	• Press once to jump to the start of the audio/video file. • Press twice to jump to the previous audio/video/image file. • Press to page up. • During Video REV mode, press to skip back 10 minutes.
CTRL + F (Search)	Locates a media file in the current folder. This function is only available when the Media Library setting is enabled. Does not search subfolder.
CTRL + O (Options)	During playback, displays additional playback options. From an online media content screen, press to display more service options.
SPACE BAR (Play/Pause)	Toggles between pause and playback.
+ (FF)	Scans forward through the audio/video playback. Supports the following speeds: 2×, 4×, 8×, 16×.
N (Next)	• Skips to the next audio, video, or image file. • Press to page down. • During Video FF mode, press to skip forward 10 minutes.
CTRL + E (Eject)	Switches to safe mode so you can safely remove a USB device.
M (Mute)	Turns off the volume output
V (Subtitle)	Switches a video's subtitles (if applicable)
B (Audio)	Switches a video's audio stream (if applicable)
DELETE	Clears the data entry field.
Z (Zoom)	Zooms in on the currently playing video file or photo.
R (Shuffle)	Enables the shuffle function for Videos and Music files.
L (Repeat)	Repeats the current video or music file.
BACKSPACE	Deletes the currently selected file.
CTRL + S (Setup)	Brings up the Setup menu
Alpha-numeric keys	• Pressing the any of these keys once inputs the corresponding letter or number. • While listening to a song or music playlist, press and hold any of the 0-9 buttons to create a preset.
CTRL + A **CTRL + B** **CTRL + C** **CTRL + D**	User assignable shortcut/function keys. See "Remote Settings" on page 188. Default settings are as follows (only valid when inside the Videos, Music, or Photos menus): Pressing **CTRL + A** activates the sort and filter menu. Pressing **CTRL + B** activates the select content source menu. Pressing **CTRL + C** activates the change view menu. Pressing **CTRL + D** activates the dashboard menu.

Using the Media Player Menu

The Home screen displays when turn on your media player or press **HOME** on the remote control. The menu options in this screen let you browse your media library and configure the media player's settings.



Home Screen Options

The main Home options are:

- Videos
- Music
- Photos
- Files
- Setup
- Services
- Games
- RSS
- New Firmware (automatically detects new firmware and only appears when new firmware is available)

The Music, Videos, and Photos options represent folders for the different media types. Media contents display either as file/file folders in the media player, network attached storage, or a USB drive directory or as a media library compilation list based on metadata information. For example, music files can be categorized based on their genre or the artist's name.

Setup lets you customize the way you use the media player and set preferences for media playback. For more information, see "Setup and Advanced Features" on page 169.

Setting Time and Weather

- To set the time in the media player screen display, see "Set Time Zone for Clock" on page 189.
- To set the temperature in the media player screen display, see "AccuWeather.com" on page 95.

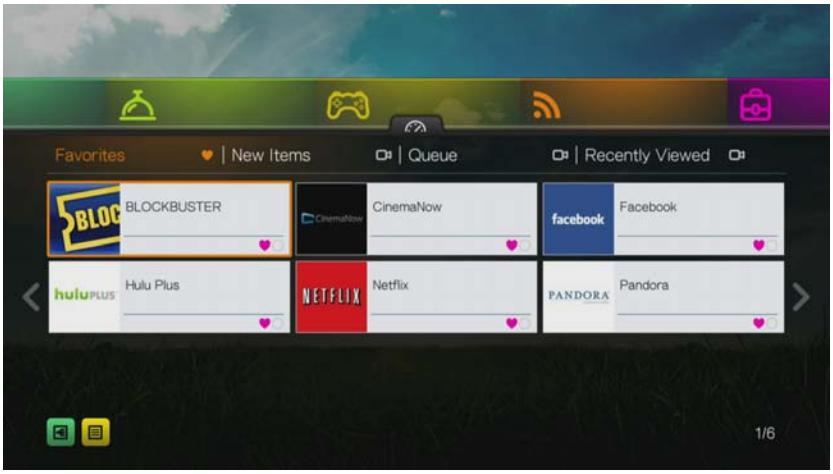
Home Screen Navigation

Use the following keys to navigate through the menu screens.

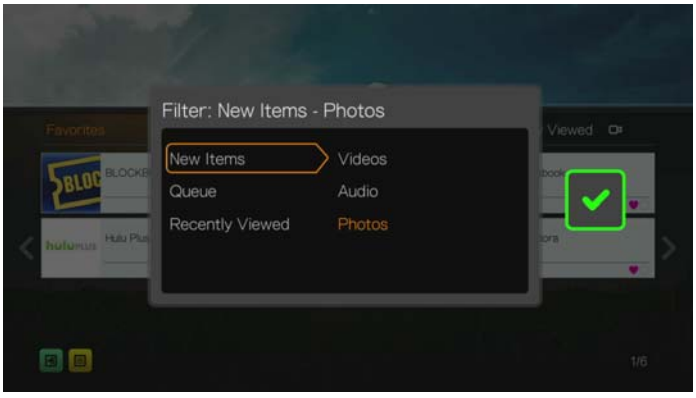
Button	Function
◀▶ Left/Right arrows	Move from one option to the next
▼ Down arrow	View the dashboard
OK	Launches your selection

Media Player Dashboard

Press ▼ at the home screen or navigate to then press **OK** in the in the Videos, Music, or Photos menus to launch the dashboard. Press ▲ or **Back** to exit the dashboard. Your Favorites are shown by default.



Navigate to to filter the media files and internet service links shown on the main dashboard page by category and media type. For example, to find photos you have added recently, select **New Items** and press **OK**, **Photos** and press **OK**, then press **OK** again.



Navigate to and press **OK** to toggle between list and thumbnail views.

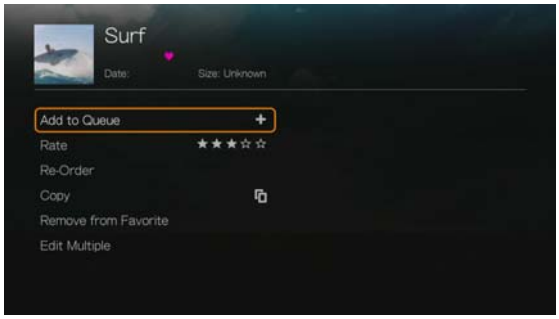
Press ▲, Use the ◄/► navigation buttons, then press **OK** in the dashboard to display your media files by the following categories:

- **Favorites** (see “Favorite” on page 63)
- **New Items** (displays media files you have added within a certain date range. See “Show New Items” on page 176 for details and instructions for adjusting the date range)
- **Queue** (Use the ◄/► navigation buttons then select the Videos, Music, or Photos icon, then press **OK** - see “Add to Queue” on page 63)
- **Recently Viewed** (displays media files you have viewed in the last xx days)

After selecting a category, filter the results by media type (Videos, Audio, or Photo). Then, use the navigation buttons to select a file then press **OK** to begin playback.

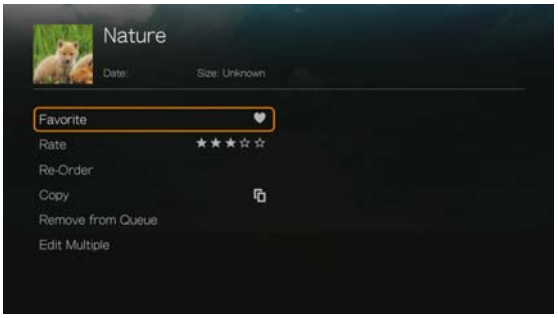
Dashboard Options

With a file selected in any of the dashboard categories, press **Options**.



Dashboard Options - Favorites

Dashboard Options - New Items or Recently Viewed



Dashboard Options - Queue

Use the ▲/▼ navigation buttons to select from the following options, then press **OK**.

- **Add to Queue** (when a file in Favorites, New Items, or Recently Viewed is selected - see “Add to Queue” on page 63).
- **Rate** (see “Rate” on page 63).
- **Re-Order** - use this option to move items up or down in viewing sequence in both Favorites and Queue categories. Using the navigation buttons, place the cursor where you want the selected file located.
- **Favorite** (when a file in Queue, New Items, or Recently Viewed is selected - see “Favorite” on page 63).
- **Copy** (see “Move & Copy” on page 64).
- **Remove from Favorite/Remove from Queue** - removes the selected file from the Favorites or Queue categories.
- **Delete** (see “Delete” on page 64).
- **Edit Multiple** (see “Select Multiple” on page 65).

Media Library Compilation

Media Library Compilation refers to the process of scanning and consolidating the media contents of the media player, network attached storage, or an attached USB device into one comprehensive database so that you can easily browse and locate media files based on certain metadata information (e.g., video files are categorized based on title or release date).

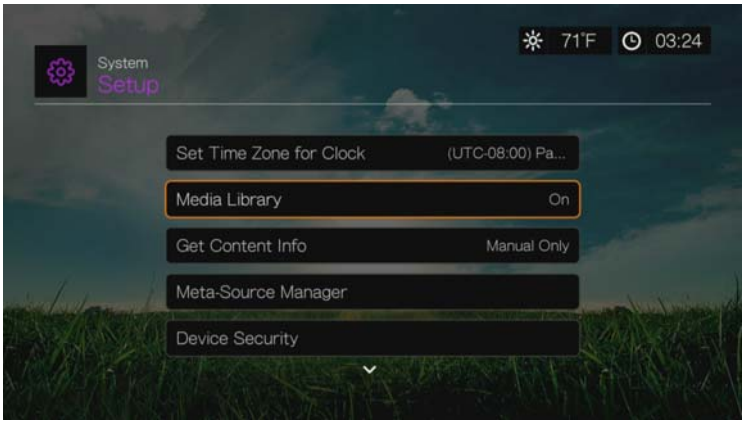
Media Library Compilation Exemptions

The following conditions will prevent the media library compilation process.

- The network share has read-only protection.
- The USB device has read-only protection.
- There is not enough storage space in network attached storage or an attached USB device.
- A drive is locked.

To turn off Media Library Compilation (default is On):

1. Navigate to Home | Setup | System.
2. Select **Media Library**, and then press **OK**.



3. Select **OFF**, then press **OK**.

Note: **Clear Media Library** clears then rebuilds the media library.

Supported Categories for Media Library Compilation

Once the media library compilation process is completed, all available media files are organized under their respective media type directory. By default, media contents are displayed as thumbnails (music album/movie poster art, image thumbnail). The content categories are listed in the following table.

Media Type	Category	Description
Music	All Tracks	Displays a list of all audio files arranged in alphabetical order.
	Artist	Content is categorized based on the artist name.
	Genre	Content is categorized based on genre.
	Album	Content is categorized based on album names.
	Date	Content is organized by date modified.
	Folders	Contents are displayed in audio file folders.
	Recent	Displays a list of audio folders/files that have been accessed recently.
	Playlist	Displays a list of music playlists.

Media Type	Category	Description
Video	All Video	Displays a list of all video files arranged in alphabetical order.
	Date	Content is organized by date modified.
	Folders	Contents are displayed in video file folders.
	Recent	Displays a list of video folders/files that have been played recently.
	Playlist	Displays a list of video playlists.
Photo	All Pictures	Displays a list of all image files arranged in alphabetical order.
	Date	Content is organized by date modified.
	Folders	Contents are displayed in image file folders.
	Recent	Displays a list of image folders/files that have been accessed recently.

Locating Your Contents on the Drive

There are two ways of locating a particular media file depending on whether or not the media library compilation function is enabled.

Manual Search

You can manually search for a media file by navigating to the specific media section and browsing through the available file folders. This method is recommended if there are only a limited number of files to search through. Otherwise, it is better to enable the media library compilation and use the built-in Search function.

Button	Function
▲▼ Up/Down arrows	Select a media type (photos, video, or music) or settings Select one of the option icons in an Internet service's submenu bar
◀▶ Left/Right arrows	Move within a category
OK	Launches your selection

Use the navigation buttons to move around a particular folder; press **Back** to move between folders.

Thumbnail Support for Media Files

Your media player supports thumbnails in two ways - embedded or external (some file formats do not support embedded thumbnails).

Embedded thumbnails are images that are part of the media file itself. File formats that support embedded thumbnails:

Music - MP3 and WMA

Photo - JPEG

Video - MP4

To add an external thumbnail:

With an individual file or music album selected, press **Options**, then select **Get Content Info** (see "Get Content Info" on page 62). As an alternative, or if the database did not find any info:

1. Select a JPEG, GIF, or PNG image file that you want to display as a thumbnail of the music or video file.
2. Save the file in the same location as the file it will represent, according to the following guidelines:

Folder Thumbnail Guidelines

Music:

- Display folder.jpg (the image file must be named "folder.jpg" or thumbnail will not function)
- If no folder.jpg file is found, display the first embedded album art image found in the folder
- If no album art is available, display the first .JPG in the folder

Photo:

- Display thumbnail

Video:

- Display embedded cover art
- If no embedded cover art is available, display image file associated with the video file to be played (for example video.mkv will be associated with video.JPG)

File Thumbnail View Functions (Defaults)

Music:

- Display album art (.MP3 file with embedded .JPG)
- If no album art is available, display the image file with the same name as the audio file to be played. (for example, song.wav will be associated with song.jpg)

Photo:

- Display thumbnail

Video:

- Display .MP4 with embedded .JPG
- Display image file associated with the video file to be played (for example video.mkv will be associated with video.JPG)

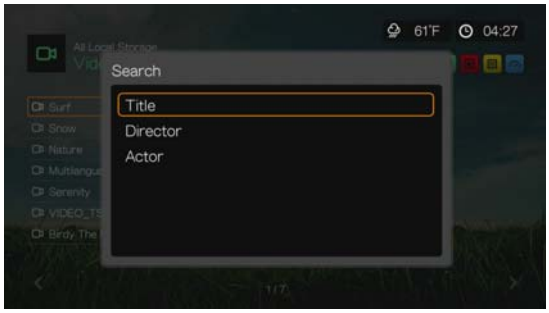
Search Function

You must first enable the Media Library Compilation feature before using the Search function. Go to "Media Library Compilation" on page 53 for instructions.

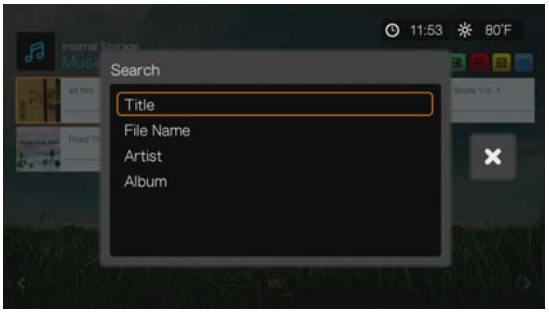
To perform a media search:

1. Go to the main browser screen of the type of media you want to search for (**Videos**, **Music**, or **Photos**).
2. Press on the remote control.

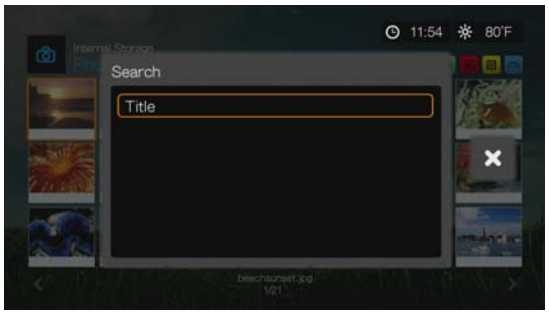
3. Select **Title**, **Director**, or **Actor** (Videos); **Title**, **File Name**, **Album** or **Artist** (Music); or **Title** (Photos). Press **OK**, then ▶ to select the ☑. Press **OK**.



Search Options - Videos

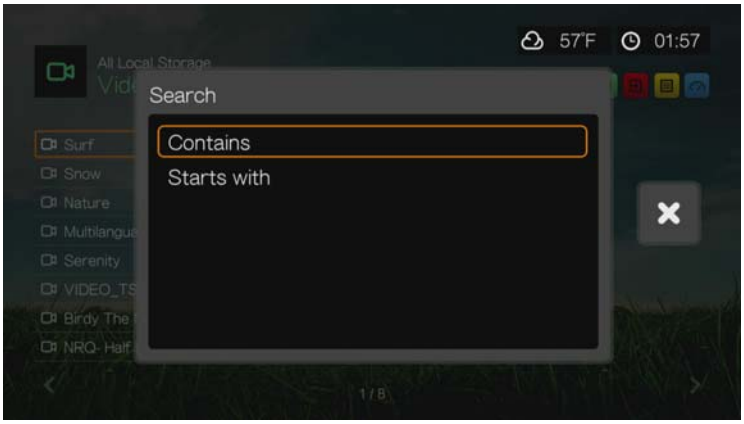


Search Options - Music

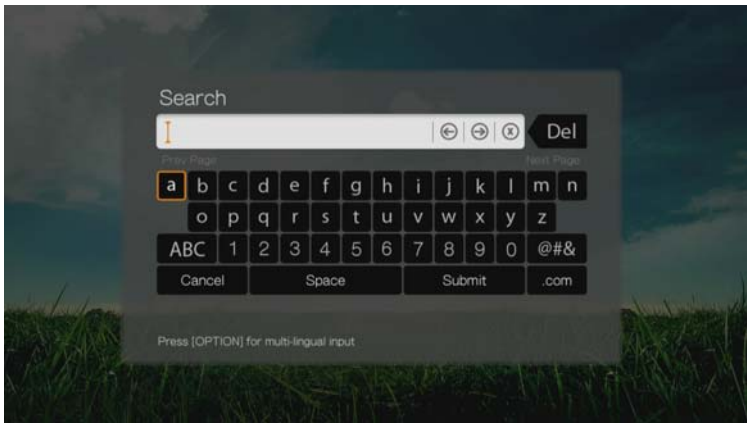


Search Options - Photos

4. Select **Contains** or **Starts with**, then press **OK** twice.

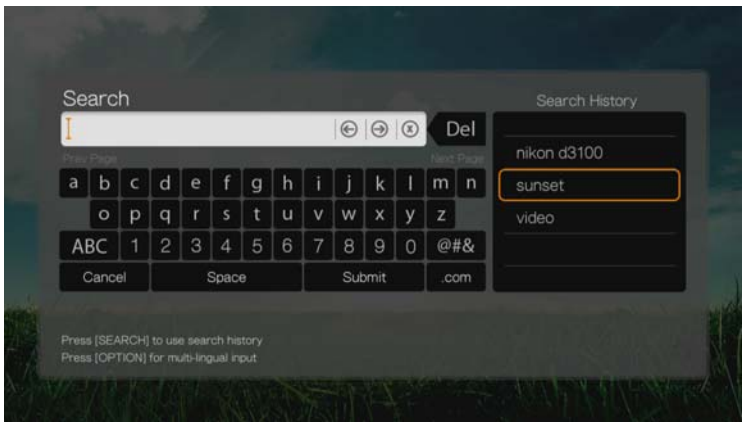


5. Using the on-screen keyboard:
   - Use the navigation buttons to select a character, then press **OK** to input it in the search bar. Alternatives to this method are as follows:
     - Use the alpha-numeric keys on the remote control to enter search terms. For example, press the **2** button a number of times to enter a, b, or c; press the **3** button a number of times to enter d, e, or f, etc.
     - Plug a USB keyboard into the media player as an alternative to the methods above. See “Using a USB Keyboard” on page 48.
   - Select ABC or abc, then press **OK** to input characters in a different case.
   - Select @#&, then press **OK** to display the symbol keyboard for inputting special keyboard characters.
   - Select .com, then press **OK** to display the symbols for special characters such as *.com*, *www.*, *.net*, *.org*, etc.
   - Press **Options** for multi-lingual/multi-character input (applicable to certain letters on the keyboard).
   - If you want to erase the last character entered, navigate to Del then press **OK**.
   - Navigate to ⊖ and press **OK** to move the cursor backward and ⊕ to move the cursor forward in the **Search** field (you can also press ⏮ to move the cursor backward and **Next Page** to move the cursor forward in the Search field).



To use search history:

- Press the **SEARCH** 🔍 button on the remote control. This toggles you to the Search History list.


Search
Del
Search History
nikon d3100
sunset
video
a b c d e f g h i j k l m n
o p q r s t u v w x y z
ABC 1 2 3 4 5 6 7 8 9 0 @#&
Cancel Space Submit .com
Press [SEARCH] to use search history
Press [OPTION] for multi-lingual input

- Press ▲/▼ to select a search from the display.
- Press **OK** to perform the saved search.

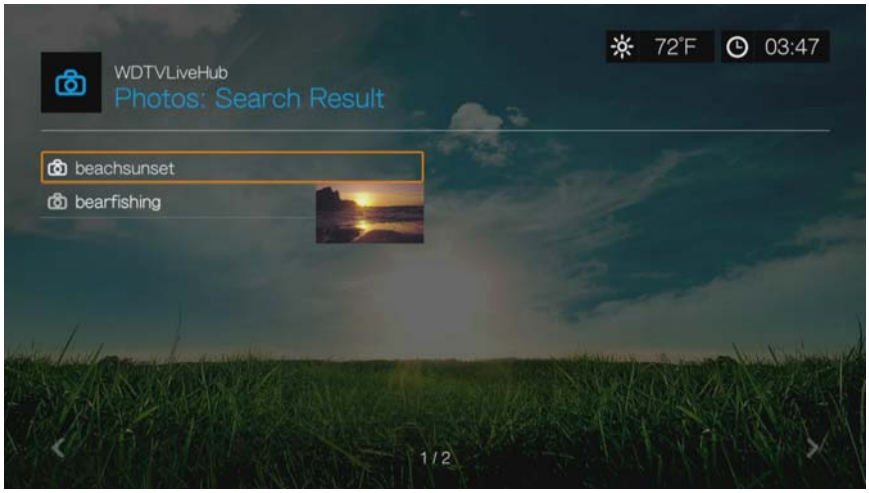
6. Once you define the search parameters, select **Submit** on the bottom of the on-screen keyboard, then press **OK**.

   All files with filenames that begin with the characters entered in the search field will be included in the search results. For example, inputting ‘glo’ will result to a search results like this:

   - Global party.mpeg
   - Glow of the Field.jpg
   - Gloss.mp3

7. If there are no media files matching the search parameters, press **OK** to display the on-screen keyboard again and redefine the search parameters.

   If media files matching the search parameters you set are found, they will be listed as shown below (the result of entering ‘bea’ in Photos).



   Use the navigation buttons to select the media file you are looking for, and then press **OK** or ⏯ to initiate playback.

8

Watching Video

You can watch videos on your TV using the media player.

Supported Video Formats

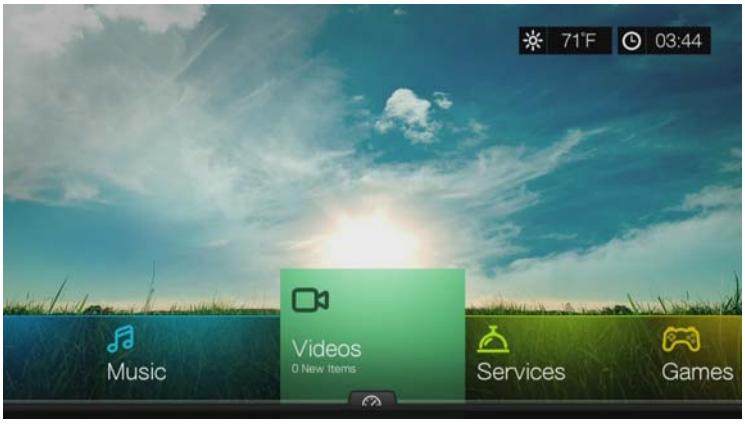
The following video file formats are supported.

- AVI (Xvid, AVC, MPEG1/2/4)
- MPG/MPEG
- VOB/ISO
- MKV (h.264, x.264, AVC, MPEG1/2/4)
- TS/TP/M2T (MPEG1/2/4, AVC, VC-1)
- MP4/MOV (MPEG4, h.264)
- M2TS
- WMV9 (VC-1)

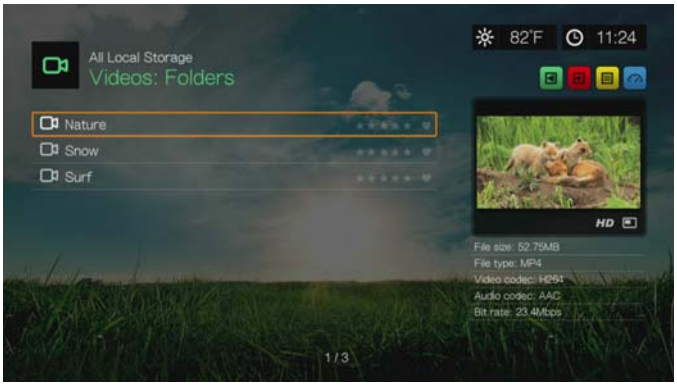
Video Playback

To play back video:

1. Navigate to the Home | Videos menu, then press **OK**.



2. The screen displays available video files and video folders in the media player's local drive by default. The display will either be in preview view (default), grid view, list view, or gallery view, depending on your Browser Display setting (see "Video Settings" on page 177 for more information on Browser Display settings). Preview mode displays file size, and file type and genre (if available) for the selected video.



If Media Library is enabled, you can choose to navigate using a filter option (**All Videos**, **By Date**, **By Folders**, **By Year, Personal rating**, or **Playlists**) by selecting the Video icon and then using the left and right arrow buttons on the remote control to scroll through the options listed. See "Supported Categories for Media Library Compilation" on page 54 for details.

3. Locate the video file you want to play.
   - To begin playback of a single video file, highlight the file, and then press **OK**.
   - To begin playback of a video playlist, highlight the playlist name, then press **PAUSE/PLAY**.
   - To begin playback of all video files in a folder, highlight a video in that folder, then press **PAUSE/PLAY**.
   - To find a video on a network share or media player, follow the instructions in "Accessing Media Content" on page 26.

   If you try to open a video file that has been partially played before, you are prompted to choose whether to play the file from the beginning or resume playback from the last playback position. Select **Resume** to resume playback or **Restart** to start playback from the beginning.

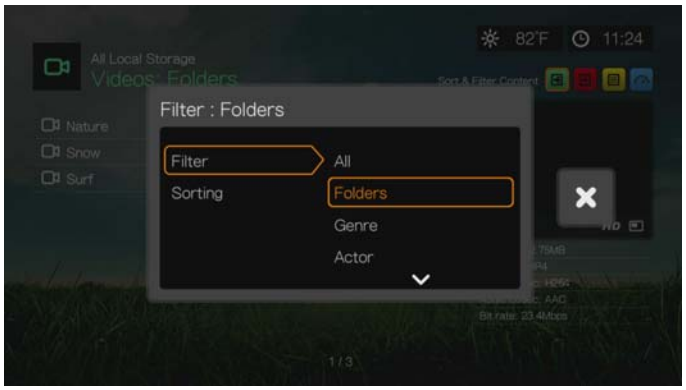
Sort & Filter Videos

You can sort and filter the videos shown in the video menu based on your preferences using the sorting & filter option.

Filter

1. Press A or navigate to the sort and filter content icon , and press **OK**.
2. Press ▶, then ▲/▼ to select Filter by All, Folders, Genre, Actor, Director, TV Show, Playlist, Untagged, New Items, and Favorites. Press **OK** to display videos by the criteria selected.

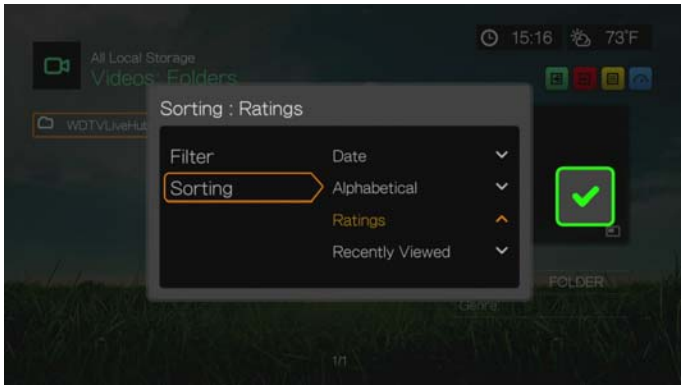
Note: If you have your media files organized by folder, it may be easier and quicker to find your files by using the Filter option to only show folders.



3. With the green check mark selected, press **OK** again.

Sorting

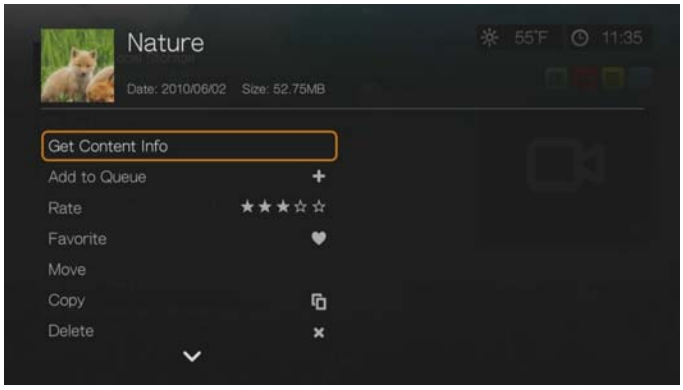
1. Press A or navigate to the sort and filter content icon , and press **OK**.
2. Press ▶, then ▲/▼ to select Sorting by Date, Alphabetically, by Ratings, or by Recently Viewed. Press **OK** to display videos by the criteria selected in either ascending (arrow up) or descending (arrow down) order.



3. Press ▶. With the green check mark selected, press **OK** again.

Videos Menu Options

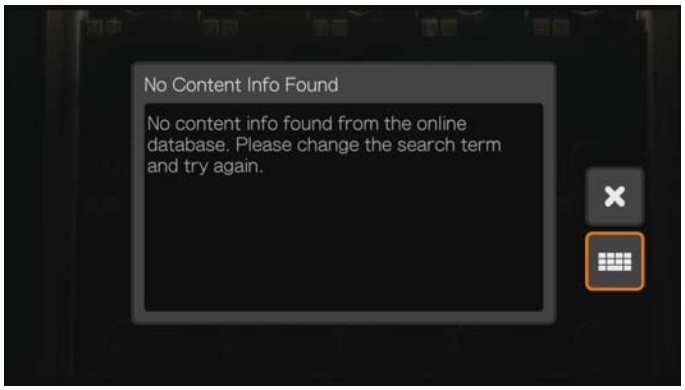
In the main Videos screen, press **Options**. The Videos menu options display. Press **Back** when finished to return to the main menu.



Get Content Info

Press ▲/▼ and select **Get Content Info** from the list of options prompts the media player to connect to an online media database to gather information about the file. For example, Get Info returns the MPAA rating, duration of the movie, genre, studio photos, and movie trailers based on the movie's title.

If a No Content Info Found message displays, navigate to the keyboard icon then press **OK**.



Enter the whole title or a portion of the title using the on-screen keyboard, select **Submit**, then press **OK** to associate info with the content. Select a title from the list, then press **OK**.

Rescan Info

Press ▲/▼ and select **Rescan Info** from the list of options after you have associated content info with a file. The rescan info option updates content info or allows you to correct content info that was associated with the file in error.

View Info

Press ▲/▼ and select **View Info** from the list of options after you have associated content info with a file. A synopsis/description of the title info displays.

Add to Queue

Adding videos to the queue provides quick access to these files via the dashboard (see “Media Player Dashboard” on page 51).

Rate

Rate your videos and other media files so you can sort and filter them by ratings and access them quickly in the dashboard.

1. Press ▲/▼ and select **Rate Video** from the list of options.
2. Press ◄/► to highlight the number of stars corresponding to your preferred rating. Five is the highest rating, and one is the lowest.
3. Press **OK** to confirm your rating.

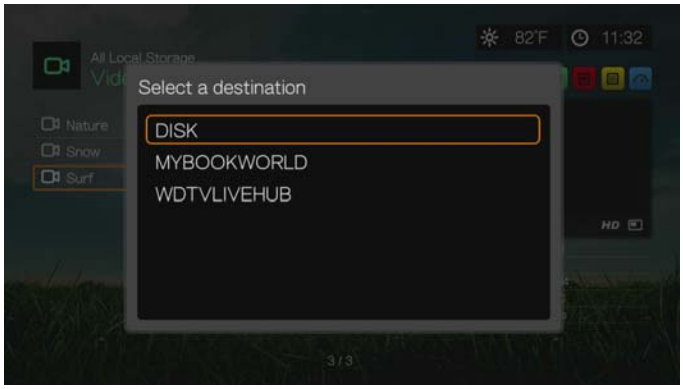
Favorite

Favorite your videos other media files so you can sort and filter them by favorite and access them quickly in the dashboard.

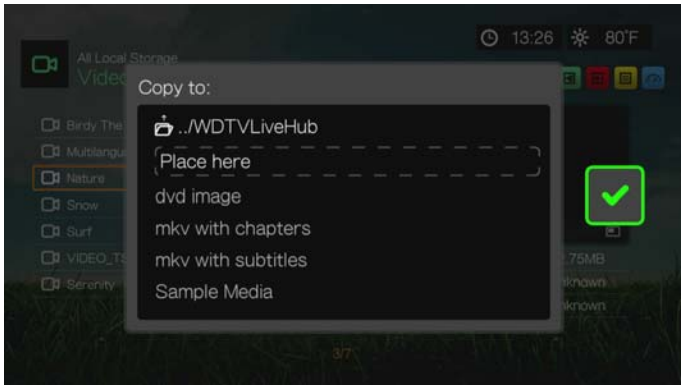
1. Press ▲/▼ and select **Favorite** from the list of options.
2. Press **OK**.

Move & Copy

1. Press ▲/▼ and select **Move** or **Copy** from the list of options, then press **OK**.
2. Select a storage destination for the file you want to move or copy, then press **OK**.



3. Use the navigation buttons to select the location where you want to move or copy the file. When you have selected the location, press **OK** to place the file there (if selecting a network or media server location, see “Accessing Media Content” on page 26).
4. Press ▶ to select the green check mark ✔, then press **OK**.



Delete

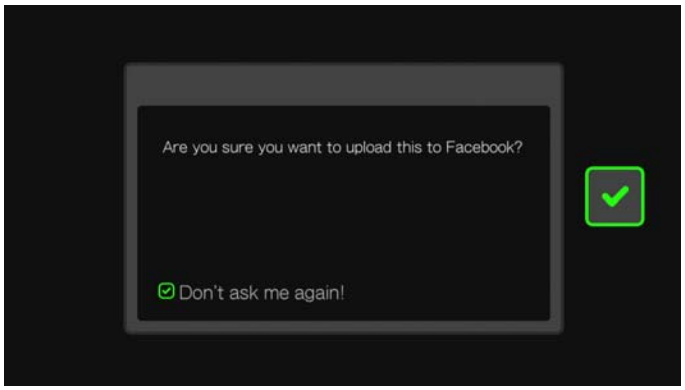
1. Press ▲/▼ and select **Delete** from the list of options.
2. Select **Yes**, then press **OK** to confirm deletion.

Upload to Facebook

You can upload a video to Facebook by selecting this option.

1. Press ▲/▼ and select **Upload to Facebook** from the list of options.
2. Select the account you want to post the file to then press **OK**, or select **Add Account** to add a Facebook account (see “Facebook” on page 103 for details).

3. The screen below displays. Press **OK** to select “Don’t ask me again!” if you do not want this screen to appear again, then press ▶ to select the green check mark ✔. Press **OK**.

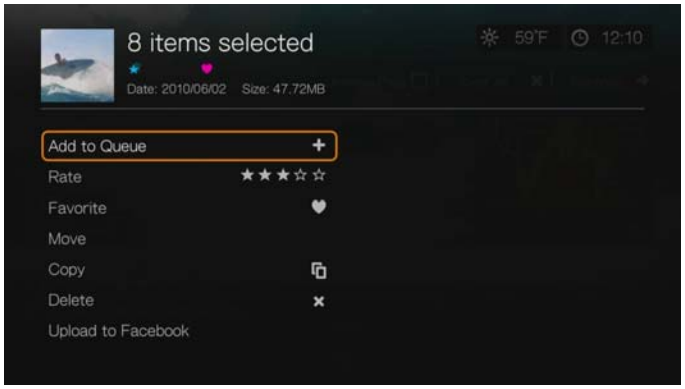


Select Multiple

Select Multiple applies changes to more than file.

1. Press ▲/▼ and select **Select Multiple** from the list of options.
2. The select multiple screen displays. Use the navigation buttons to **Select All**, **Select Page**, or **Clear All** files shown, or **Continue** to the next group of files, then press **OK**.

3. With multiple files selected, press **Options** to apply changes to more than one file.



Video Playback Controls

Use these buttons on the remote control to control video playback:

Button	Function
STOP	Discontinues video playback
PAUSE/PLAY	Pauses or resumes video playback
1. Press **FF** (fast forward) or **REV** (reverse) to scan video (press repeatedly to select the scan speed) 2. Press **PAUSE/PLAY** to resume playback on the selected position	Scans the video playback forward or backward The media player supports the following scan speeds: 2x, 4x, 8x, 16x
NEXT	• Plays the next video file in the video folder/playlist • Press during Fast Forward to skip forward 10 minutes. • Press **NEXT** to skip to the next chapter (if the video file supports chapters).
PREV	• Plays the previous video file in the video folder/ playlist • Press during Fast Reverse to skip back 10 minutes. • Press **PREV** to skip to the previous chapter (if the video file supports chapters).
▲ Up arrow	• Move subtitles up on the screen.
▼ Down arrow	• Move subtitles down on the screen.
◀ Left arrow	• Reduce subtitle display speed.
▶ Right arrow	• Increase subtitle display speed.
Subtitle	•
Audio	•

Video Playback Options

- To display the video playback options while playing a video, press **Options**.
- To return to the video, press **Back**.

Get Content Info

See “Get Content Info” on page 62.

View Chapter

If you are viewing a multichapter video file, you can select which chapter to play.

To select the video chapter:

1. Press **Options**.
2. Highlight **View Chapter**, then press **OK**.

3. Press ▲/▼ to highlight your chapter selection, then press **OK** twice.

Subtitle

Use this option to view subtitles during video playback. Make sure the subtitle files are located in the same folder as the current video, and that it has the same filename as the video file.

Note: Subtitle files (specific types that are supported) need to have the exact same file name as the media they are playing (the extensions will be different) and need to be located in the same folder as the video file.

To view subtitles:

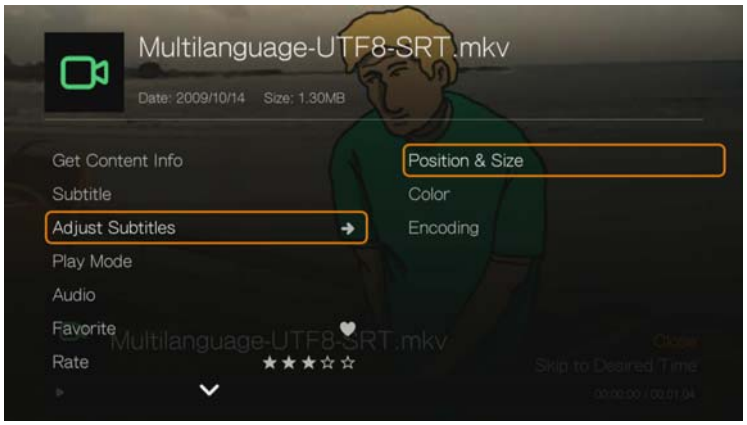
1. During video playback, press **Subtitle** repeatedly until your desired subtitles display or "Subtitle Off" appears. Or, press **Options**, highlight **Subtitles**, then press **OK** and follow the steps below.
2. Select your preferred language or **Off** (to disable subtitles), then press **OK**.
3. With the green check mark ✔ selected, press **OK** again.

Adjust Subtitles

After selecting subtitles, use this option to adjust subtitles during video playback.

Note: This option is only available for ASS/SRT/SSA subtitles, and is not available for PGS, SUB/IDX, or VOBSUB subtitles.

1. During video playback, press **Options**.
2. Highlight **Adjust Subtitles**, then press ▶.



Adjust Subtitles submenu options include:

- **Position & Size -** use navigation buttons to adjust position and speed, press OK repeatedly to adjust size).
- **Color (of subtitle text) -** select fill and border color from the Subtitle Color menu.
- **Encoding -** see "Additional Encoding Support" on page 191.

Play Mode

Use the play mode option to set video repeat options. Press **OK** repeatedly until the repeat icon you want is displayed. Options include:

- **Repeat All** – All the video files in the current video folder are played in sequence and repeatedly until you press **STOP** or **Back**.
- **Repeat One** – The current video file is played repeatedly until you press **STOP** or **Back**.

Audio Channel Selection

Use this option to select the audio language used in the video playback. This option is only available if the current video has more than one audio track. Make sure the audio tracks are located in the same folder as the current video.

To select the audio channel:

1. During video playback, press **Audio** (or press **Options**, highlight **Audio**, then press **OK**).
2. Repeat the step above until your desired language or track plays.

Favorite

See “Favorite” on page 63.

Rate

See “Rate” on page 63.

Add to Queue

See “Add to Queue” on page 63.

Selecting Video Zoom and Pan Options

Use this option to change the viewing scale of the video playback screen and to pan the video display.

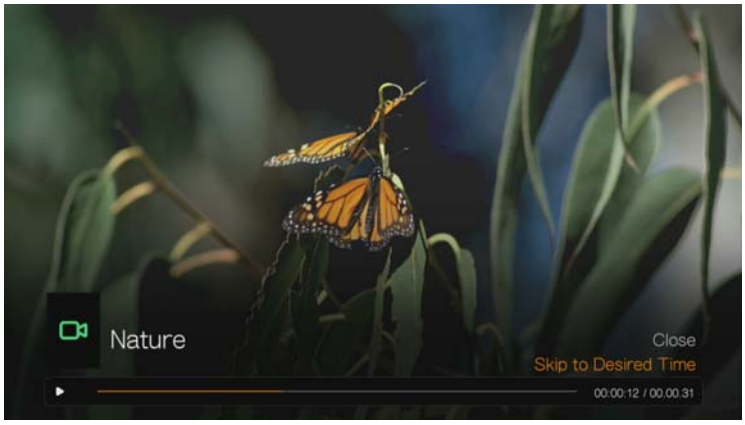
1. During video playback, press **Options**.
2. Select **Zoom & Pan**, then press **OK**.
3. Press **OK** repeatedly to cycle through the available zoom options. Use the navigation buttons to pan the display.

Delete

See “Delete” on page 64.

Displaying the Video Playback Panel

Use this option to display the Video Playback Panel on the bottom of the screen. This panel shows the following information about the current video:

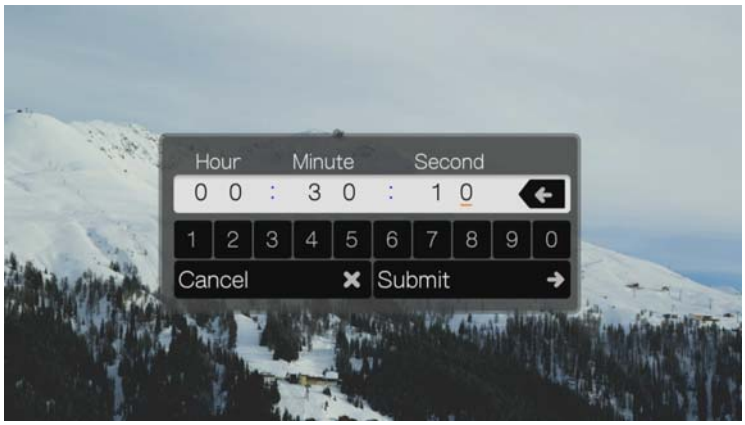


Video playback progress bar

Elapsed and total playback times

To view the Video Playback Panel:

1. During video playback, press **OK**. The video playback panel appears on the bottom of the screen, showing a progress bar along with the elapsed and total playback times.
2. Some videos allow you to advance to a specific time. Select **Skip to Desired Time**, then click **OK**. A keyboard displays:



3. Use the navigation buttons to position the cursor under each number in the Hour, Minute, and Second fields, then select a number from the keyboard. Select Submit then press **OK** when finished to advance to the specific time.

   Press **OK** to hide the Video Playback Panel when finished.

DVD Navigation

In most cases, when the contents of an entire DVD have been successfully saved and stored on an attached USB hard drive or a networked hard drive connected to the media player, you will experience the same DVD menu navigation functionality using the buttons on the media player remote as you would using a DVD remote for a DVD player connected to a television.

Important: For DVD navigation to work, the VOB files must be placed in a folder named VIDEO_TS.

Note: Video files such as AVI, MP4, MKV, and MT2S are "single track" video files that do not provide DVD navigation features.

DVD Navigation Controls

Use these buttons on the remote control to control DVD navigation video playback:

Button	Function
STOP	Discontinues video playback
PAUSE/PLAY	Pauses or resumes video playback
1. Press **FF** (fast forward) or **REV** (reverse) to scan video (press repeatedly to select the scan speed) 2. Press **PAUSE/PLAY** to resume playback on the selected position	Scans the video playback forward or backward The media player supports the following scan speeds: 2x, 4x, 8x, 16x
NEXT	• Press during Fast Forward to skip forward 10 minutes. • Press **NEXT** to skip to the next chapter.
PREV	• Press during Fast Reverse to skip back 10 minutes. • Press **PREV** to skip to the previous chapter.
▲ Up arrow	• At the main menu, move between selections such as Play Movie, Scene Selection, Set Up, Special Features, etc.
▼ Down arrow	• At the main menu, move between selections such as Play Movie, Scene Selection, Set Up, Special Features, etc.
◀ Left arrow	• At the main menu, move between selections such as Play Movie, Scene Selection, Set Up, Special Features, etc.
▶ Right arrow	• At the main menu, move between selections such as Play Movie, Scene Selection, Set Up, Special Features, etc.

DVD Navigation Playback Options

- To display the video playback options, press **Options**.
- To hide the options, press **Back** or **Options** again.

Main Menu Selection

To show the main menu in DVD navigation mode:

1. Press **Options**.
2. Highlight **Menu**, then press **OK.** The main menu displays.

Note: Make sure the DVD menu option is set to **On**. See "DVD Menu" on page 177.

Selecting Subtitles

See "Subtitle" on page 67.

Audio Channel Selection

See "Audio Channel Selection" on page 69.

Get Content Info

See "Get Content Info" on page 62.

9 Playing Music

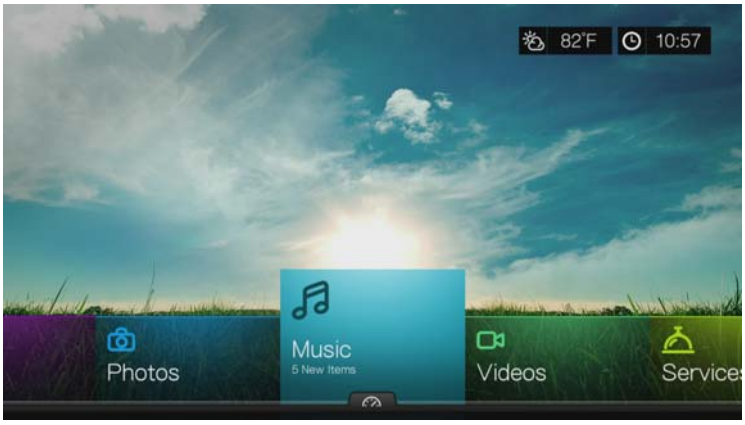
You can listen to audio files on your TV/audio system using the media player.

Supported Audio Formats

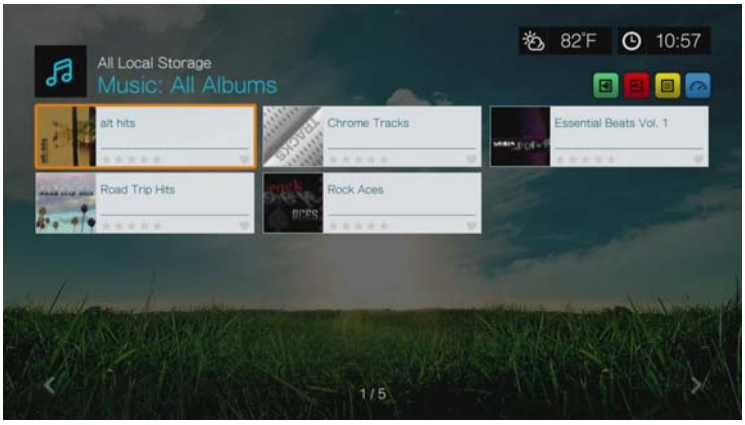
- MP3
- WAV/PCM/LPCM
- WMA
- AAC
- FLAC
- MKA
- AIF/AIFF
- OGG
- Dolby Digital Plus
- DTS

Music Playback

1. Navigate to the Home | Music menu, then press **OK**.



2. The screen displays available music files and folders in the media player's local drive by default. The display will either be in grid view (default) or list view, depending on your Browser Display setting (see "Music Settings" on page 179 for more information on Browser Display settings).



If Media Library is enabled, you can choose to navigate using sorting (Alphabetical, Date, Ratings, Recently Viewed) and filter options (All, All Tracks,

Genre, Artist, Album, Playlists, Favorites) See “Supported Categories for Media Library Compilation” on page 54 for details.

3. Locate the audio file you want to play.
   - To begin playback of a single audio file, highlight the file, then press **OK**.
   - To begin playback of an album, highlight the album, then press **OK**. Press **OK** again to play the album.
   - To begin playback of a music playlist, highlight the playlist name, and then press **PAUSE/PLAY**.
   - To begin playback of all audio files in a folder, highlight an audio file in that folder, and then press **PAUSE/PLAY**.
   - To find audio files on a network share or media player, follow the instructions in “Accessing Media Content” on page 26.

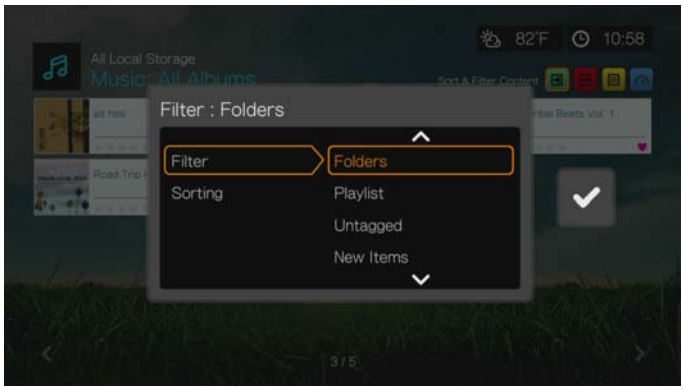
Sort & Filter Music

You can sort and filter music based on your preferences using the sort & filter option.

Filter

1. Press A or navigate to the sort and filter content icon, and press **OK**.
2. Press ▶, then ▲/▼ to select Filter by All Albums, All Tracks, Genre, Artist, Folders, Playlist, Untagged, New Items, and Favorites. Press **OK** to display music by the criteria selected.

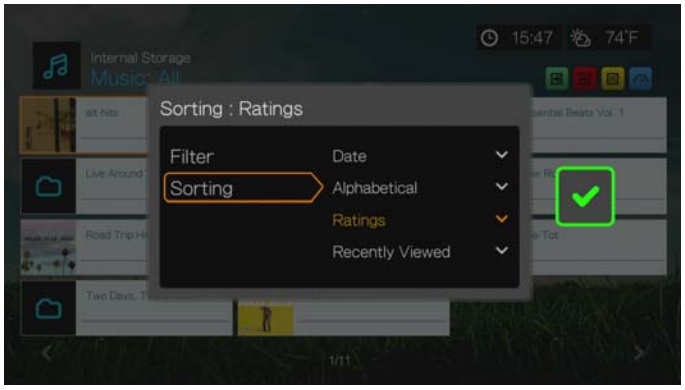
Note: If you have your media files organized by folder, it may be easier and quicker to find your files by using the Filter option to only show folders.



3. With the green check mark selected, press **OK** again.

Sorting

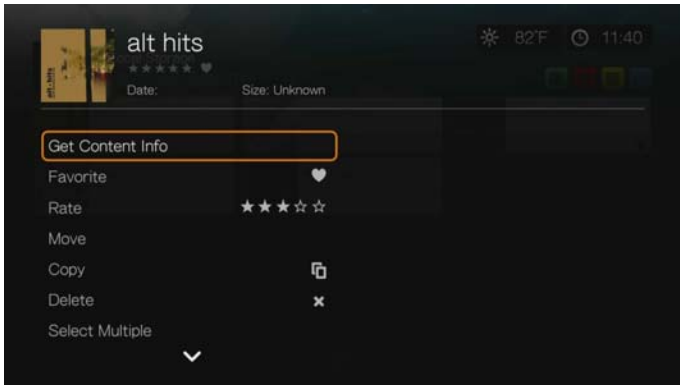
1. Press A or navigate to the sort and filter content icon , and press **OK**.
2. Press ▶, then ▲/▼ to select Sorting by Date, Alphabetically, Ratings, or by Recently Viewed. Press **OK** to display music by the criteria selected in either ascending (arrow up) or descending (arrow down) order.



3. Press ▶. With the green check mark selected, press **OK** again.

Music Menu Options

In the main video screen, press **Options**. The Music menu options display. Press **Back** when complete to return to the main menu.



Get Content Info

The Music get content info function is the same as the Videos get content info function. See “Get Content Info” on page 62.

Rescan Info

The Music rescan info function is the same as the Videos rescan info function. See “Rescan Info” on page 63.

View Info

The Music view info function is the same as the Videos view info function. See “Video Playback Controls” on page 66.

Favorite

The Music favorite function is the same as the Videos favorite function. See “Favorite” on page 63.

Rate

The Music rate function is the same as the Videos rate function. See “Rate” on page 63.

Move & Copy

The Music move and copy functions are the same as the Videos move and copy functions. See “Move & Copy” on page 64.

Delete

The Music delete function is the same as the Videos delete function. See “Delete” on page 64.

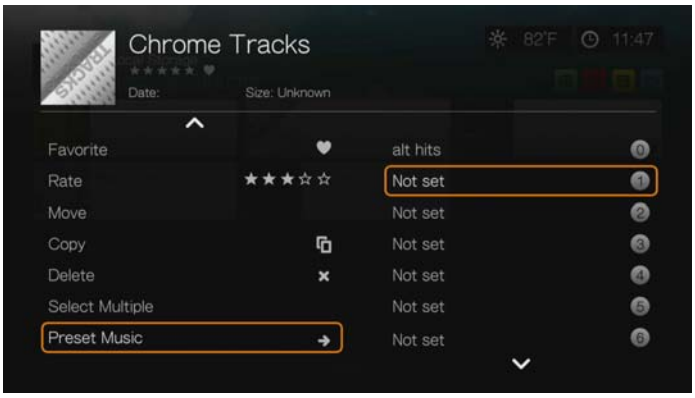
Select Multiple

The Music edit multiple function is the same as the Videos edit multiple function. See “Select Multiple” on page 65.

Preset Music

The Preset Music function allows you to assign a numbered button on the remote to a song for quick playback.

1. Press ▲/▼ to select **Preset Music**. Press ▶.



2. Press ▲/▼ to select a numbered remote button, then press **OK**.

Music Playback Controls

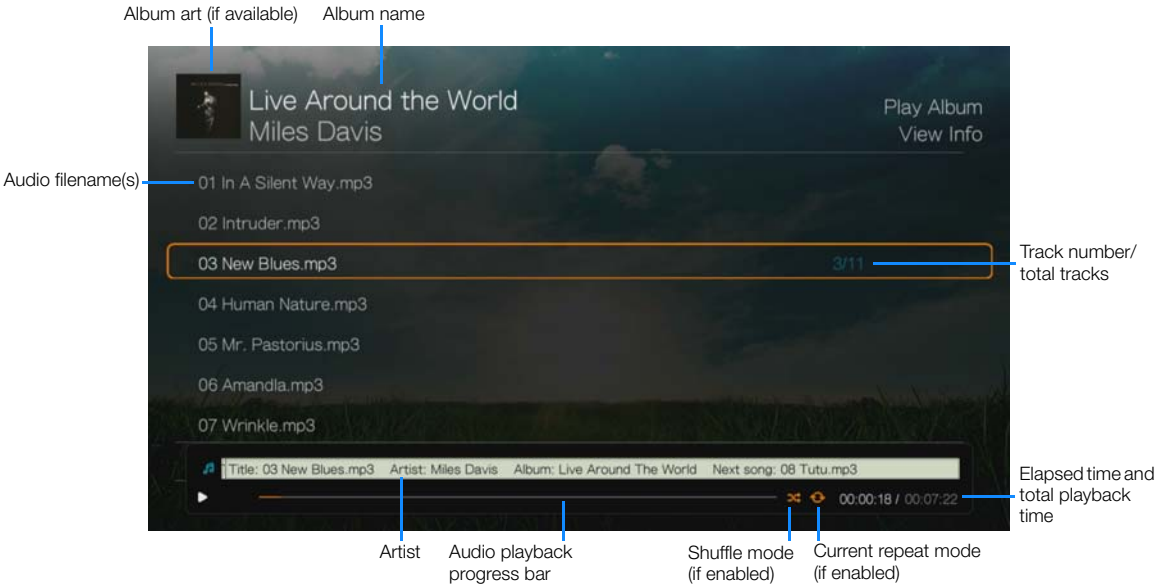
Use these buttons on the remote control to control music playback when in the music playback screen:

Button	Function
STOP	Stop audio playback
PAUSE/PLAY	Pause or resume audio playback
1. Press **FF** (fast forward) or **REV** (reverse) to scan the audio file (press repeatedly to select the scan speed). 2. Press **PLAY** to resume playback on the selected position.	Scan the audio playback forward or backward The media player supports the following scan speeds: 2×, 4×, 8×, 16×
Press **PREV** (previous track) once.	Start playback from the beginning
Press **NEXT**	Play the next audio track in the music folder/ playlist
Press **PREV** (previous track) twice.	Play the previous audio track in the music folder/ playlist
0-9	While listening to a song or music playlist, press and hold any of the 0-9 buttons to create a preset.

Note: If you leave the music playback screen, the only playback controls that work are the **STOP** button (to stop music playback) and **Options** (during photo playback - to jump to the previous or next track).

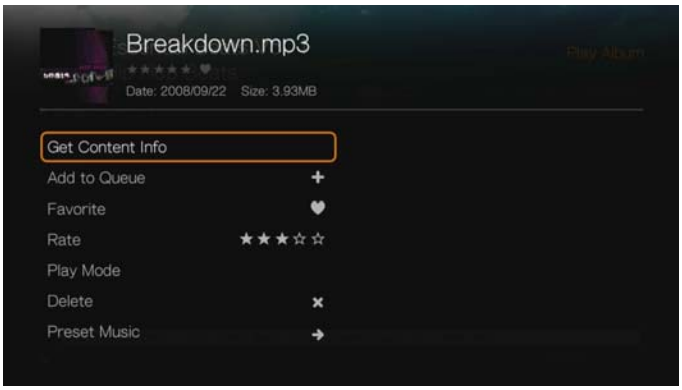
Music Playback Screen

The music playback screen displays the following information about the currently playing album and/or audio file:



Music Playback Options

- To display the music playback options, press **Options**.
- To hide the options, press **Back** or **Options** again.



Get Content Info

The Music get content info function is the same as the Videos get content info function. See “Get Content Info” on page 62.

Rescan Info

The Music rescan info function is the same as the Videos rescan info function. See “Rescan Info” on page 63.

View Info

The Music view info function is the same as the Videos view info function. See “Video Playback Controls” on page 66.

Add to Queue

The Music add to queue function is the same as the Video add to queue function. See “Add to Queue” on page 63.

Favorite

The Music favorite function is the same as the Video favorite function. See “Favorite” on page 63.

Rate

The Music rate function is the same as the Video rate function. See “Rate” on page 63.

Play Mode

Use the music play mode to set repeat and shuffle options.

Repeat

To set the music repeat mode:

1. During music playback, press **Options**.

2. Select **Play Mode**, then press **OK** repeatedly until the repeat icon you want is displayed. Options include:
   - **Repeat All** – All the audio files in the current music folder/playlist is played in sequence and repeatedly until you press **STOP** or **Back**.
   - **Repeat One** – The current audio track is played repeatedly until you press **STOP** or **Back**.
   - **Repeat All and Shuffle** – All the audio files in the current music folder/playlist are played repeatedly in sequence and shuffled until you press **STOP** or **Back**.

   The icon for the enabled repeat mode will appear below the playback progress bar.

Shuffle

Use this option to set the audio tracks in the current music folder/playlist to play in random order.

To enable music shuffle mode:

1. During music playback, press **Options**.
2. Select **Play Mode**, then press **OK** repeatedly until the repeat icon you want is displayed. Options include:
   - **Shuffle** – All the audio files in the current music folder/playlist are shuffled repeatedly until you press **STOP** or **Back**.
   - **Repeat All and Shuffle** – All the audio files in the current music folder/playlist are played repeatedly in sequence and shuffled until you press **STOP** or **Back**.

Delete

The Music delete function is the same as the Videos delete function. See “Delete” on page 64.

Preset Music

See “Preset Music” on page 76.

Playing Music From Your iPod®

Apple® uses a proprietary naming scheme and because of this the media player is unable to display the original names for the folders and files as they are in your iPod. The media player instead reassigns new names for the folders and files, but only while in use with the media player. The original file information is preserved in your iPod. You can view the original file information when you play a file where the screen will display the metadata.

Note: The media player does not support playback of protected premium content such as movies or music from the iTunes® Store, Cinema Now, Movielink®, Amazon Unbox™, and Vongo®.

To use your iPod with the media player, simply plug your iPod in to the USB port and navigate through the interface menu.

Note: The media player only supports USB mass storage mode. iPod Touch is not a USB mass storage device and is therefore not supported.

10

Viewing Photos

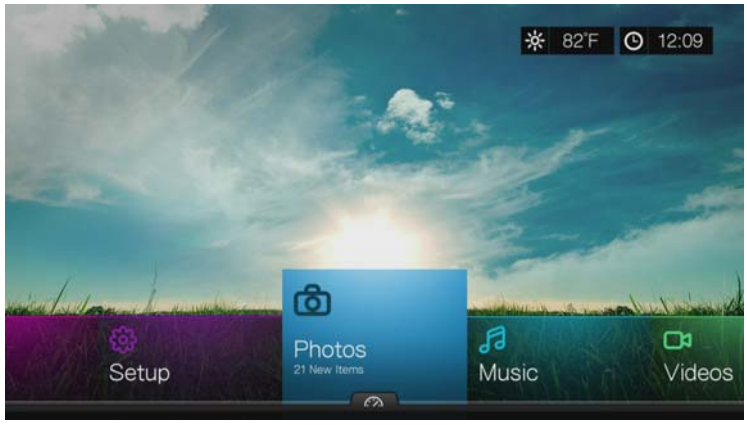
You can view your digital photos both individually and in slideshow mode on your TV using the media player.

Supported Image File Formats

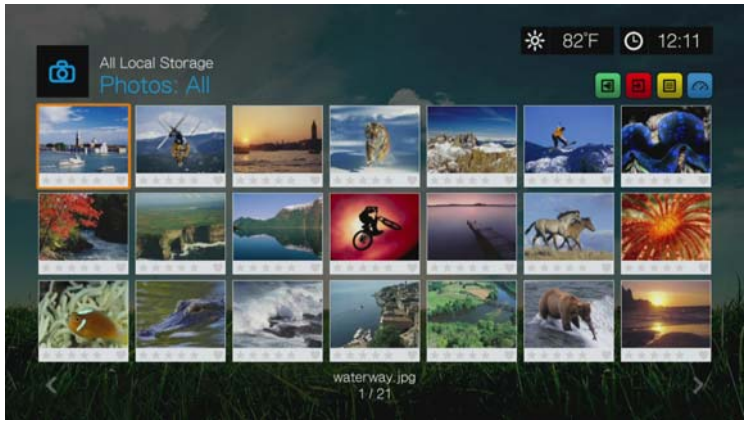
- **GIF** (Animated GIFs are not supported)
- **BMP** (non-compressed)
- **JPEG** (grayscale, RGB, YCbCy) (does not support CMYK or YCCK)
- **TIF/TIFF** (RGB) (does not support CMYK, YMC, YMCK, or KCMY)
- **PNG** (Non-alpha channel only)

Photo Display

1. Navigate to the Home | Photos menu, then press **OK**.



2. The screen displays available music files and folders in the media player's local drive by default. The display will either be in grid view (default) or list view, depending on your Browser Display setting (see "Photo Settings" on page 180 for more information on Browser Display settings).



3. If Media Library is enabled, you can choose to navigate using sorting (Alphabetical, Date, Ratings, Recently Viewed) and filter options (All Pictures,

Date, Folders, Recent). See “Supported Categories for Media Library Compilation” on page 54 for details.

4. Locate the picture file you want to view.
   - To open a single picture file for viewing, select the file, and then press **OK**.
   - To view the next picture file in the photo folder, press ⏭ (next).
   - To view the previous picture file in the photo folder, press ⏮ (previous).
   - To find picture files on a network share or media player, follow the instructions in “Accessing Media Content” on page 26.

   You can also view a slideshow using all picture files in a photo folder. See “Photo Slideshow” on page 88 for instructions.

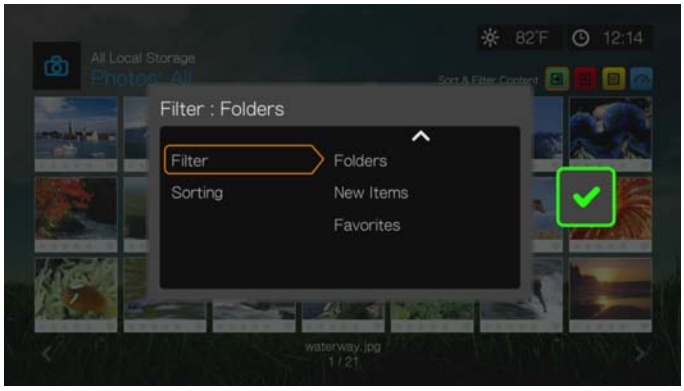
Sort & Filter Photos

You can sort and filter photos based on your preferences using the sort & filter option.

Filter

1. Press A or navigate to the sort and filter content icon, and press **OK**.
2. Press ▶, then ▲ / ▼ to select Filter by All, Date, Date (year), Date (month), Folders, New Items, and Favorites. Press **OK** to display music by the criteria selected.

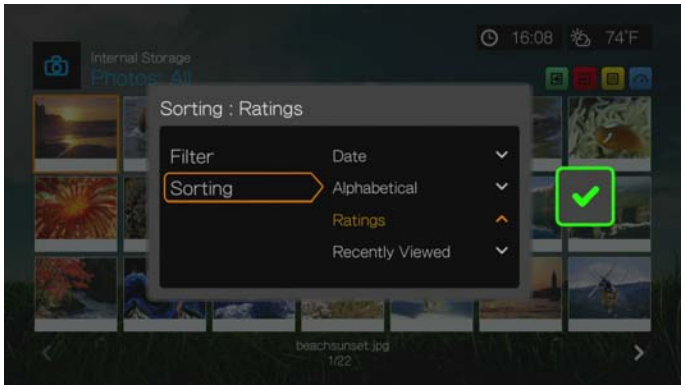
Note: If you have your media files organized by folder, it may be easier and quicker to find your files by using the Filter option to only show folders.



3. With the green check mark selected, press **OK** again.

Sorting

1. Press A or navigate to the sort and filter content icon , and press **OK**.
2. Press ▶, then ▲/▼ to select Sorting by Date, Alphabetically, Ratings, or by Recently Viewed. Press **OK** to display photos by the criteria selected in either ascending (arrow up) or descending (arrow down) order.



3. Press ▶. With the green check mark selected, press **OK** again.

Digital Camera Support

You can attach your digital camera to the media player via a USB port and view the supported image files stored in the camera's memory card.

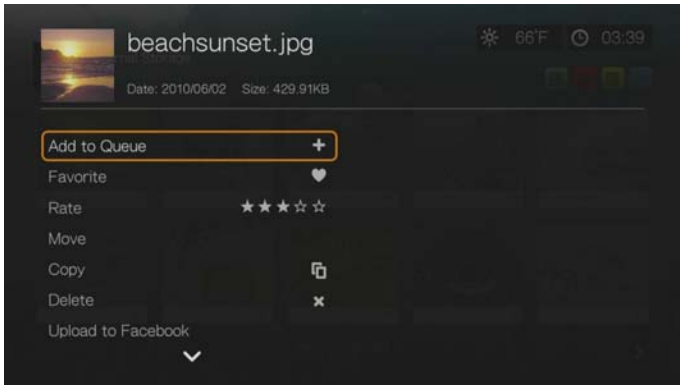
To view images from a digital camera:

1. Attach your digital camera to the media player via the USB port.
2. Press **OK** to close the message (the media player sees the camera's memory card as a read-only device).
3. Navigate to the Home | Photos menu.
4. The digital camera is considered a USB device. Use the navigation buttons to select, then press **OK**.

   The screen displays thumbnails of available picture files and photo folders. Only image files supported by the media player are displayed.

Photos Menu Options

In the main photo screen, press **Options**. The Photos menu options display. Press **Back** when complete to return to the main menu.



Add to Queue

The Photos add to queue function is the same as the Videos add to queue function. See “Add to Queue” on page 63.

Favorite

The Photos favorite function is the same as the Videos favorite function. See “Favorite” on page 63.

Rate

The Photos rate function is the same as the Videos rate function. See “Rate” on page 63.

Move & Copy

The Photos move and copy functions are the same as the Videos move and copy functions. See “Move & Copy” on page 64.

Delete

The Photos delete function is the same as the Videos delete function. See “Delete” on page 64.

Upload to Facebook

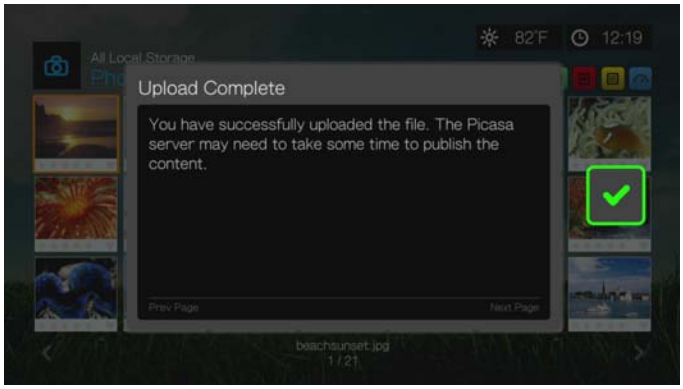
The Photos upload to Facebook function is the same as the Videos upload to Facebook function. See “Upload to Facebook” on page 64.

Upload to Picasa

You can upload a photo to Picasa by selecting this option.

1. Press ▲/▼ and select **Upload to Picasa** from the list of options.
2. If prompted to sign in, select **Yes**, then press **OK**, and enter your Picasa username and password using the on-screen keyboard.

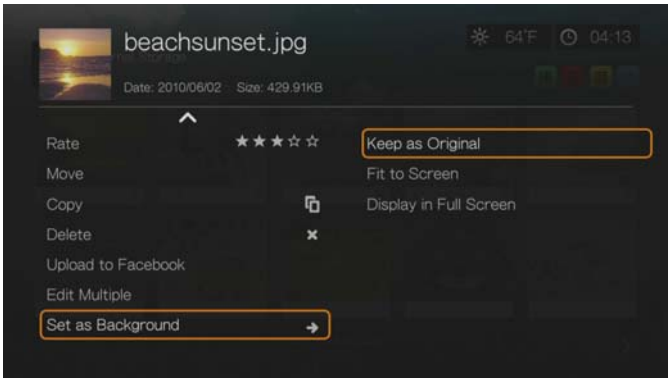
3. The screen below displays. Press **OK**.



Set as Background

You can set any photo as the system background to replace the default grass field and sunny sky photo or other photo you have previously selected.

1. Find and select the photo you want to use for the background in the Photos menu, then press **OK**.
2. Press **Options**.
3. Select **Set as Background**, then press ▶.
4. Select one of the photo scaling options (**Keep as Original**, **Fit to Screen**, or **Display in Full Screen**), then press **OK**.

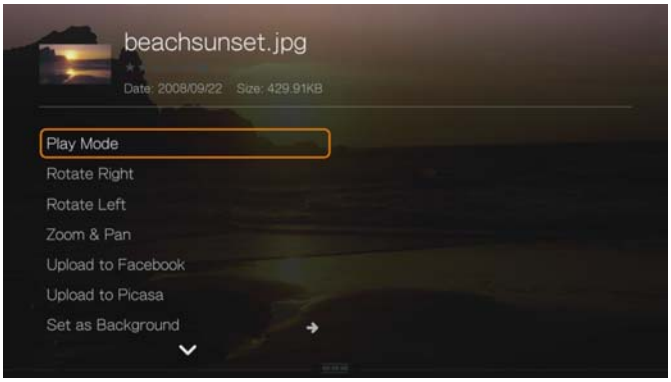


Select Multiple

The Photos edit multiple function is the same as the Videos edit multiple function. See “Select Multiple” on page 65.

Photo Display Options

- To display the photo options while viewing a photo, press **Options**.
- To return to the photo you were viewing, press **Back** or **Options** again.



Play Mode

Use the play mode option to set repeat and shuffle options.

1. During photo playback, press **Options**.
2. Select **Play Mode**, then press **OK** repeatedly until the repeat icon you want is displayed. Options include:
   - **Repeat All** – All the photo files in the current photo folder are played in sequence and repeatedly until you press **STOP** or **Back**.
   - **Shuffle** – All the photo files in the current photo folder are shuffled repeatedly until you press **STOP** or **Back**.
   - **Repeat All and Shuffle** – All the photo files in the current photo folder are played repeatedly in sequence and shuffled until you press **STOP** or **Back**.

Rotate Left & Right

1. During photo viewing, press **Options**.
2. Select **Rotate Left** or **Rotate Right**, then press **OK**.
3. Press **Options** and select **Rotate Left** or **Rotate Right** again as needed until the rotation you want is set for the photo.

Selecting Photo Zoom and Pan Options

See “Selecting Video Zoom and Pan Options” on page 69.

Upload to Facebook

See “Upload to Facebook” on page 64.

Upload to Picasa

See “Upload to Picasa” on page 84.

Set As Background

See “Set as Background” on page 85.

Rate

See “Rate” on page 63.

Favorite

See “Favorite” on page 63.

Add to Queue

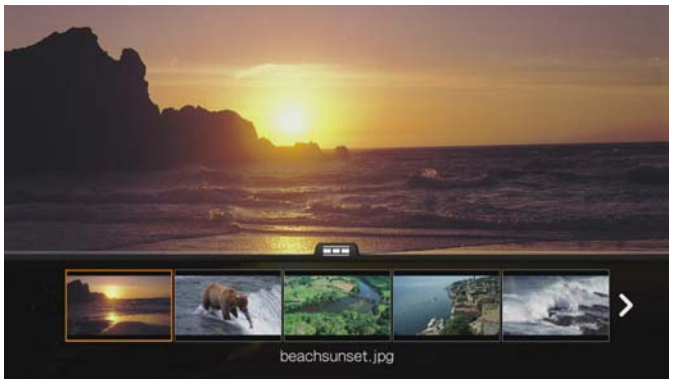
See “Add to Queue” on page 63.

Delete

See “Delete” on page 64.

Displaying Photo Thumbnails

While viewing a photo or slideshow, press ▼ to display thumbnails of all your photos. Use the ◄ ► navigation buttons to select another photo to view, then press **OK**.



Displaying Photo Information

Use this option to display the Picture Information Panel on the bottom of the screen. This panel shows the following information about the current picture:

- Image filename
- Source
- Image file size and resolution
- Image's sequence number and the total number of image files in the current photo folder

To view the photo information panel:

- During photo viewing, press **OK**. Press **Back** to hide photo information.

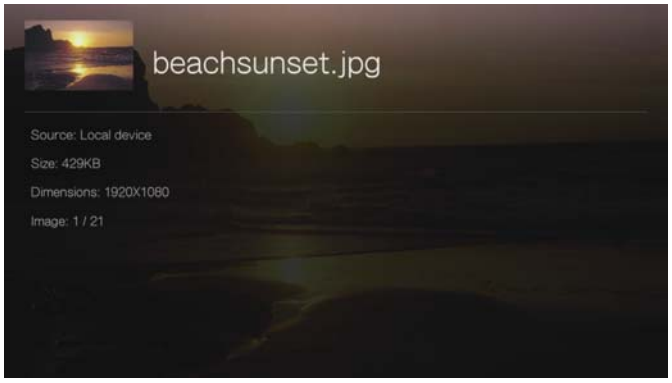


Photo Slideshow

The media player allows you to create a slideshow using the contents of a photo folder.

To start a slideshow:

1. Locate the photo folder containing the image files you want in the slideshow. (See "Photo Display" on page 81.)
2. Select the photo folder, then press **PAUSE/PLAY** to start the slideshow.

To listen to background music with a slideshow:

1. Navigate to the music folder containing the audio file/playlist you want to accompany the slideshow. (See "Music Playback" on page 73.)
2. Select the audio file/playlist, and then press **PLAY**.
   - If you selected a single audio file, you may want to enable it to play repeatedly so it doesn't stop before the slideshow is done.
   - If you selected a music playlist, you can choose to enable the repeat or shuffle mode.
3. Press **HOME**, and then start the slideshow (as described above).

Slideshow Playback Controls

Use these buttons on the remote control to control slideshow playback:

Button	Function
STOP	Discontinue the slideshow
PAUSE/PLAY	Pause or resume the slideshow
NEXT	Display the next picture file in the slideshow
PREV	Play the previous picture file in the slideshow

Repeating and/or Shuffling a Slideshow

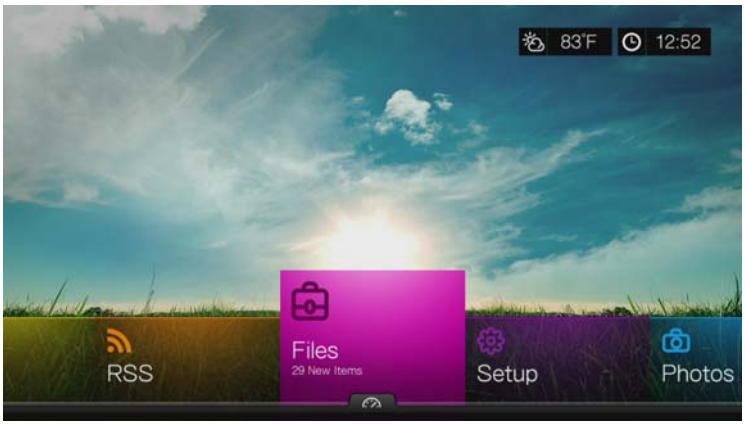
Access Setup > Photo settings to repeat and/or shuffle a slideshow. See “Slideshow Sequence” on page 180.

11 Files

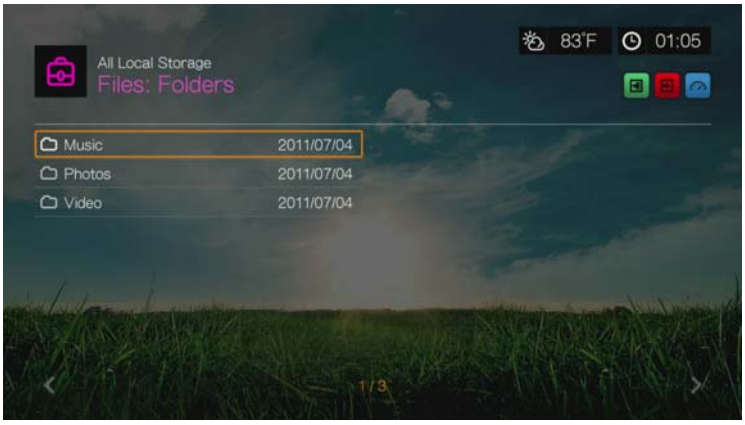
You can view and manage all of your media files in one place using the Files menu.

Files Display

1. Navigate to the Home | Files menu, then press **OK**.



2. The screen displays all available media files and folders in the media player's local drive by default. The display is in list view.



3. Locate a file you want to play.
   - To play a single file, select the file from the list or by navigating through the folder structure, then press **OK**.
   - Follow the instructions under "Watching Video" on page 60, "Playing Music" on page 73, or "Viewing Photos" on page 81.
   - To find files on a network share or media server, follow the instructions in "Accessing Media Content" on page 26.

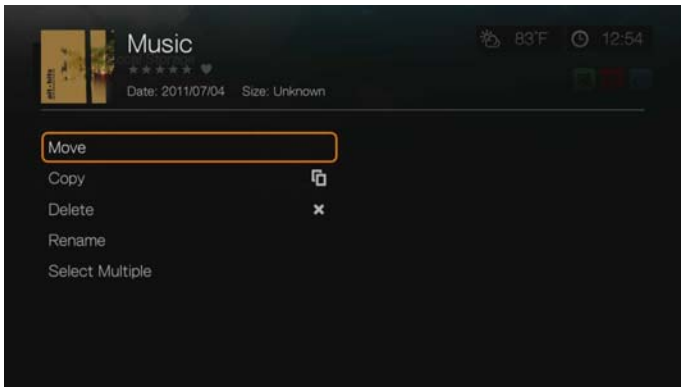
Sorting Files

The Files sorting function is the same as the Videos sorting function. See “Sorting” on page 62.

Files Options

To manage files (move, copy, delete, rename, and select), do the following:

With an individual file or folder selected, press **Options**.



Move & Copy

The Files move and copy functions are the same as the Videos move and copy functions. See “Move & Copy” on page 64.

Delete

The Files delete function is the same as the Videos delete function. See “Delete” on page 64.

Rename

To rename a folder or file, select **Rename** then enter in the new name using the on-screen keyboard.

Select Multiple

The Files edit multiple function is the same as the Videos select multiple function. See “Select Multiple” on page 65.

12 Internet Services

Important: A broadband Internet connection (e.g., DSL or cable) is required to use Internet services. Availability varies by country. These services may be changed, terminated, or interrupted at any time.

After connecting to a network, you can use the media player to access media content from the following Internet services:

- **AccuWeather.com**® – Get local and international forecasts, climate trends, and the latest news from the world's weather authority.
- **BLOCKBUSTER On Demand**® – Watch digital movies on your TV instantly. Choose from thousands of titles to rent or buy, including new releases, cinema classics and TV shows, with no monthly fee.*

  *Blockbuster.com online account required. US only.

- **CinemaNow**™– With over 11,000 titles to choose from, CinemaNow gives you instant access to new release movies the same day they come out on DVD and brings you TV episodes for many popular shows the day after they air.*

  *CinemaNow.com account required. US only.

- **Deezer**™– A personalized on-demand music service to listen to seven million tracks anytime, anywhere and one of the most popular Internet and mobile music offerings in Europe.
- **Facebook** – Share your status, photos, videos, and your favorite links on Facebook. Find out the latest news from your social network or the world and so much more. Access it all on your big screen TV.
- **Flickr** – Connect to Flickr using the on-screen menus. View the photos on your Flickr account and enjoy them on your TV.
- **Flingo**® – Flingo offers consumers free Internet Television from leading studios, TV networks, and video websites.
- **Hulu Plus**™ – Hulu Plus offers current hit TV shows and award-winning movies anytime in HD. Watch any current season episode of top shows like *Modern Family, Glee, 30 Rock* and many others, enjoy classic series, or explore acclaimed movies from The Criterion Collection and Miramax.*

  *Hulu Plus membership required. US only.

- **Live365**® – Listen to thousands of commercial-free Internet radio stations. Easily browse through popular genres or discover treasures in some of the less-traveled styles.
- **Mediafly**® – Stream daily video podcasts from CNN, NBC, MTV, ESPN, and other online content to your TV.
- **Netflix**® – Enjoy popular movies, classics, and TV episodes instantly. Access your Netflix unlimited membership and instantly watch TV episodes and movies on your big screen.*

*Netflix is available in certain countries. Unlimited membership required. More information at www.netflix.com.

- **Pandora** – Free, personalized Internet radio playing only the music you love. Enter your favorite songs or artists, and enjoy stations created just for you. Rate songs as they play, because Pandora caters to your tastes and adapts stations to your feedback on the spot.*

*Pandora available in US only.

- **Picasa** – View, share and enjoy your photographs right from your television.
- **SHOUTcast Radio** – The ultimate directory of online radio stations featuring over 45,000 music, talk, sports, and community radio stations from around the world.
- **Spotify** – Enjoy on-demand access to over 15 million tracks and albums. Any artist, any album, any genre - available instantly on your media player. Spotify is available in: USA, UK, Sweden, Finland, Norway, France, The Netherlands and Spain.*

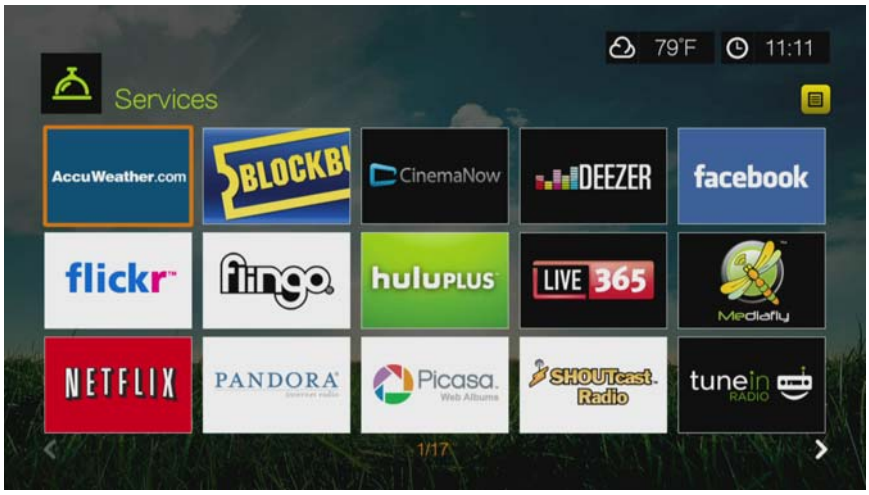
*Spotify Premium account required.

- **TuneIn** – The world's largest Internet radio guide with access to over 30,000 free radio stations searchable by location, genre, or format.
- **YouTube** – Watch your favorite videos from the world's #1 video sharing website on your television.

The above services are fully integrated with their web-based counterparts when accessed via the media player. If you are a registered user of any of these services, everything you create, rate, or bookmark when using the media player shows up on your account the next time you sign in to that service from your computer or mobile computing device.

To access Internet Media:

1. Navigate to the Home | Services menu bar and press **OK**.

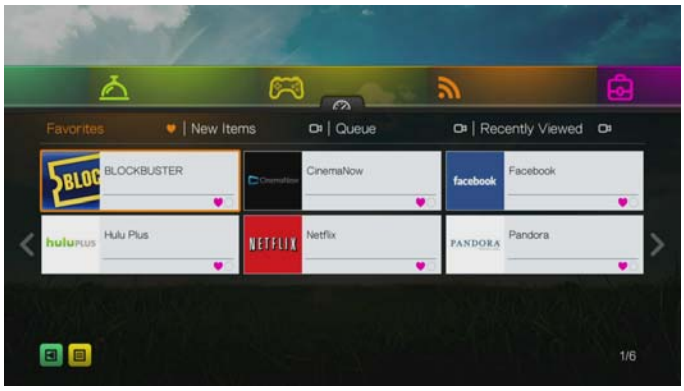


2. The list of Internet services display in alphabetical order. Press ◀ / ▶ to make a selection, then press **OK**.

Adding a Service to Favorites

You can add a Service to your Favorites so that it's quickly available via the dashboard when you are in the Home screen or other screens (when you press D or navigate to in certain screens then press **OK**).

1. In the Services screen, press ◀ / ▶ to select a service you want to favorite, then press **Options**.
2. Press **OK** to list the service in the dashboard under Favorites.



AccuWeather.com

The Weather service provided by AccuWeather.com provides local forecasts for everywhere in the United States and over two million locations worldwide.

To access Weather:

1. Navigate to the Home | Services menu bar and press **OK**.
2. The list of Internet services display in alphabetical order. Press ◀/▶ to select AccuWeather.com, then press **OK** to display the AccuWeather.com home screen.

Find Your Location

To display your local weather in the upper right of the media player's screen and see weather forecasts when accessing the AccuWeather.com menu, select your city or nearest city.

1. Press ◀/▶ to select **Change Location**. Press **OK**.

2. Use the navigation buttons ▲▼◀▶ to type a search using the on-screen keyboard. You can also press 🔎 on the remote control to toggle to the results list after entering several characters in the search field. Select **Submit**, then press **OK**.

Note: The complete city name needs to be entered for locations outside of the U.S. For example, you must type "Sydney" to find Sydney, Australia; typing "Sydn" results in Sydney, FL as the location.

Change Temperature Display

To change the temperature display from Celsius to Fahrenheit or vice-versa, do the following:

In the AccuWeather.com home screen, press ◀/▶ to select **°F** or **°C**, then press **OK**.

BLOCKBUSTER On Demand®

The BLOCKBUSTER On Demand service lets you order and instantly watch movies from BLOCKBUSTER® right on your TV!*

- Rent or buy the newest releases from your couch
- No monthly fees
- New releases available the same day as DVD/Blu-ray
- Choose from thousands of the movies you love

Note: *BLOCKBUSTER On Demand free online account required. US only.

To Get Started:

1. Go to *http://www.blockbuster.com/wd* and select the Activate Now button. Log into your account. If you don't have an account, you can create one for free by filling in the requested information.
2. Follow the on-screen instructions to activate. At the end, you'll receive a PIN code.
3. On the media player, navigate to the Home | Services menu bar and press **OK**.
4. The list of Services display in alphabetical order. Press ◀ / ▶ to select BLOCKBUSTER On Demand , then press **OK**.
5. Select **Get Started** from the bottom menu within the Blockbuster service and enter the PIN code.

Now you're ready to watch movies instantly!

How do I download and watch a movie?

Once you rent or purchase a movie, it will appear in My Library. Select **Start Download** to begin. You'll be able to track download progress in the Download Manager on the Home screen.

You can begin watching the movie before the download completes by pressing **Play Now** when it becomes available. After the movie has downloaded, you can watch it from My Library. **Watch purchased movies whenever you want, as much as you want. Rentals must be watched within 24 hours once you start playback.**

Note: To deactivate the media player from your Blockbuster On Demand account, log in to your BLOCKBUSTER account at *http://www.blockbuster.com*.

CinemaNow

With over 11,000 titles to choose from, CinemaNow gives you instant access to new release movies the same day they come out on DVD and brings you TV episodes for many popular shows the day after they air.* No subscription required and no need to drive to a kiosk or wait for movies in the mail!

- New release movies available the same day as Blu-ray/DVD
- Popular TV shows available the day after they air
- No monthly subscription, pay for only what you watch
- More choice – with more than 10,000 movies and TV shows
- Rent or purchase with Dolby Digital Plus 5.1 surround sound

Note: *CinemaNow account required. US only.

To Get Started:

1. Go to *http://www.cinemanow.com/bbactivate*. Sign in or create a free CinemaNow account. No subscription required!
2. Follow the on-screen instructions to begin activation and receive your PIN code.
3. On the media player, navigate to the Home | Internet media menu bar and press **OK**.
4. The list of Services display in alphabetical order. Press ◀ / ▶ to select CinemaNow, then press **OK**.
5. Select **Settings** from the bottom menu within the CinemaNow service, then press **OK**. Press **OK** again to activate the device and enter the CinemaNow PIN code.

You now have instant access to new release movies & next day TV!

How Do I Download and Watch a Movie?

Once you rent or purchase a movie, it will appear in your My Videos tab. With progressive download, you can begin watching within minutes by selecting **Play Now** as soon as it becomes available.

Your selection will continue to download while you watch. Track your download progress in the Download Manager on the Home screen. **Watch purchased movies whenever you want, as much as you want. Rentals must be watched within 24 hours once you start playback.**

To learn more:

To learn more about CinemaNow, go to *http://www.cinemanow.com*.

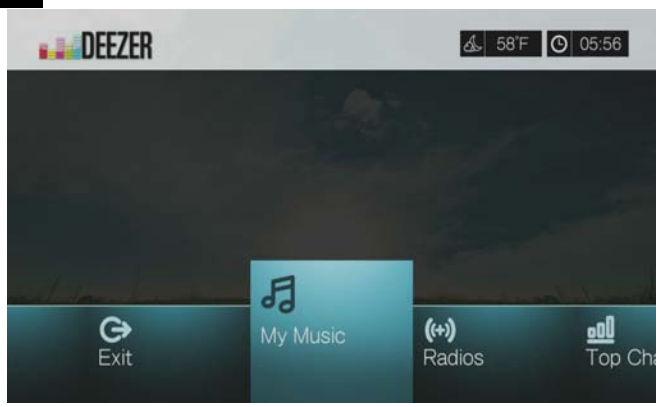
Note: To deactivate the media player from your CinemaNow account, log in to your account at *http://www.cinemanow.com*.

Deezer

Deezer is a personalized on-demand music service to listen to seven million tracks anytime, anywhere and one of the most popular Internet and mobile music offerings in Europe.

To access Deezer:

1. Navigate to the Home | Services menu bar and press **OK**.
2. The list of Internet services display in alphabetical order. Press ◀ / ▶ to select Deezer DEEZER, then press **OK**. The Deezer main screen displays.



3. Press ◀ / ▶ to choose an option, then press **OK**.

   Options include:

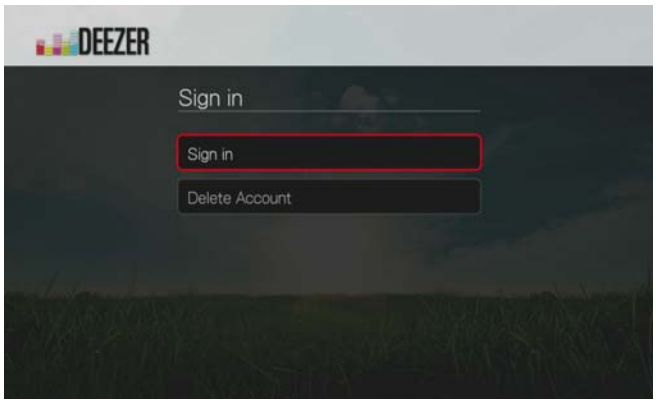
   - My Music
   - Radios
   - Top Charts
   - Search
   - Sign in
   - Exit

Signing in to Your Deezer Account

Sign in to your Deezer account to access My Music (your playlists and favorites) and Top Charts.

Note: If you do not have a Deezer account and want to create one, go to *http://www.deezer.com*.

1. Navigate to the Home | Services menu bar.
2. Press ◀/▶ to select Deezer, then press **OK.**
3. In the Deezer main screen, press ◀/▶ to select **Sign In**, then press **OK**.
4. Select **Sign in**, then press **OK**.



5. Use the navigation buttons ▲▼◀▶ to type your registered Deezer email address using the on-screen keyboard. Select **Submit**, then press **OK**.
6. Use the navigation buttons ▲▼◀▶ to type your Deezer account password in the on-screen keyboard. Select **Submit**, then press **OK**.
7. Press ▲/▼ to select a save option.

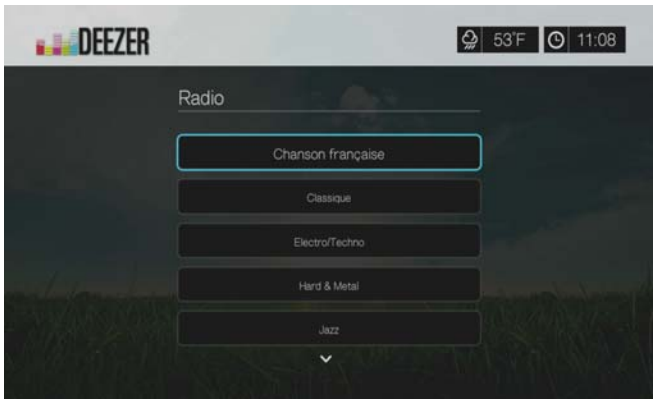
   Options include:

   - **No** – Your account details will not be saved. You need to repeat the initial sign-in process every time you access this service using the media player.
   - **Save username only** – Your user name is saved, but you will be prompted to type in your password every time you access this service using the media player.
   - **Yes** – Both your user name and password are saved. You are automatically logged in to your account every time you access this service.
8. Press **OK** to complete the sign-in process. The My Music screen displays.

Radios

You can choose from a variety of radios by music genre and subgenre.

1. In the Deezer main screen, press ◀/▶ to select **Radios**, then press **OK**.
2. Press **OK** to select a radio.



3. Press ▲/▼ to select a radio by music genre, then press **OK**.
4. Press ▲/▼ to select a radio by music subgenre, then press **OK**.
5. With a radio you want to listen to selected, press **Options** to select **Become a Fan**. This adds the radio to **Favorite Radios** for quick access in the future.
6. Press ⏯ or **OK** to begin listening to the radio station.

Deezer Player

The Deezer player is similar to the regular music playback screen. It displays the playback status bar, album, artist, and the elapsed and total playback times.

- Press **PLAY/PAUSE** to pause and resume playback.
- Press **FF/REV** to fast forward or rewind in 10 second increments.
- Press **NEXT/PREV** to select the next/previous song in the station or playlist.

My Music

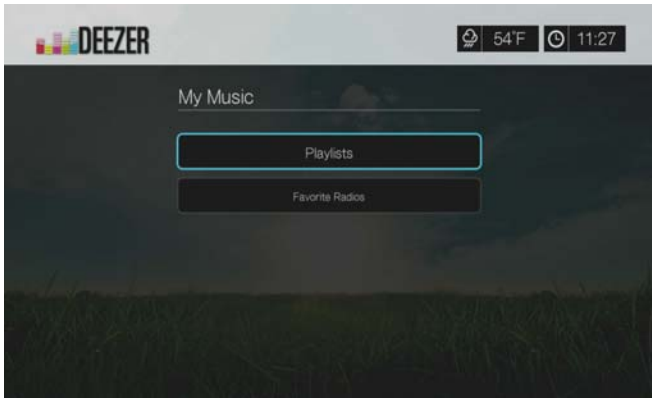
After signing in to Deezer, select **My Music**, then press **OK** to display playlists and favorite radio stations.

Playlists

Adding a playlist to My Music:

1. In the Deezer main screen, press ◀/▶ to select **My Music**, then press **OK**.
2. Sign in to your Deezer account if not already logged in.

3. Select **Playlists**, then press **OK**.



4. Press **Options**, then select **Create Your Playlist**. Press **OK**.
5. Type in the name of your playlist using the on-screen keyboard, select **Submit**, then press **OK**.

Favorite Radios

Accessing a favorite radio station in My Music:

1. In the Deezer main screen, press ◀ / ▶ to select **My Music**, then press **OK**.
2. Sign in to your Deezer account if not already logged in.
3. Select **Favorite Radios**, then press **OK**.

Note: If you have not added any stations, the screen displays "no favorite available."

4. Press the navigation buttons to select a station from the list, then press ⏯ or **OK** to begin listening to the radio station.

Add to Playlist

You can add songs to a playlist using the **Options** button on the remote.

1. With a song selected in a Radio or Top Charts screen, press **Options** to display **Add to Playlist**. Press **OK**.
2. Press ▲ / ▼ to select a playlist you have created in **My Music**, then press **OK** to add the song the selected playlist.

Delete a Playlist

You can delete a playlist using the **Options** button on the remote.

1. With a playlist selected in **My Music** > **Playlists** screen, press **Options**.
2. Press ▲ / ▼ to select **Delete**, then press **OK**.
3. Select **OK**, then press **OK**.

Delete a Radio Station

You can delete a radio station using the **Options** button on the remote.

1. With a radio station selected in **My Music** > **Favorite Radios** screen, press **Options**.

2. Press ◀/▶ to select **Delete from Favorite**, then press **OK**.
3. Select **OK**, then press **OK**.

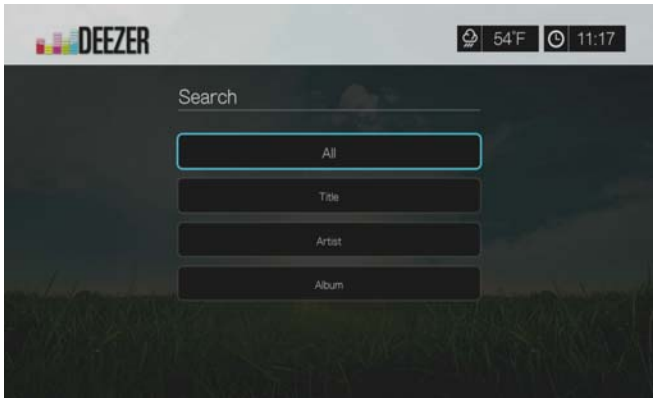
Top Charts

These are songs deemed most popular by Deezer users by country.

1. In the Deezer main screen, press ◀/▶ to select **Top Charts**, then press **OK**.
2. With the filter button selected , press **OK**.
3. Press ▲/▼ to filter channel results (choose from **FR**, **BE**, **UK**, **US**), then press **OK** twice.
4. Press ▲/▼ to select a song from the display then press ❚❚▶ or **OK** to start listening to the selected song.

Search

1. In the Deezer main screen, press ◀/▶ to select **Search**, then press **OK**.
2. Press ▲/▼ to filter results (**All**, **Title**, **Artist**, or **Album**), then press **OK**.



3. Use the navigation buttons ▲▼◀▶ to type a search using the on-screen keyboard. Select **Submit**, then press **OK**.

Note: You can also press on the remote control to toggle to the results list after entering several characters in the search field.

4. Press ▲/▼ to select a song from the display, then press ❚❚▶ or **OK** to start listening.

Deleting a Deezer Account

1. On the Deezer main screen, press ◀/▶ to select **Sign in**, then press **OK**.
2. Press ▲/▼ to select **Delete Account**, then press **OK**.
3. Press ▲/▼ to select the account you want to delete, then press **OK**.
4. Press ◀/▶ to select **OK** on the confirmation prompt, then press **OK**.

Exit Deezer

To return to the Services home screen, press ◀/▶ to select **Exit** in the Deezer home screen, then press **OK**.

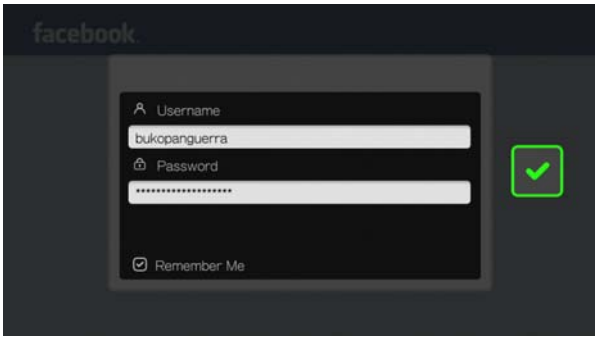
Facebook

Share your status, photos, videos, and your favorite links on Facebook. Find out the latest news from your social network or the world and so much more. Access it all on your big screen TV.

You must have have a valid Facebook account to use this service. You can create a Facebook account at *www.facebook.com*.

Signing in to Facebook for the First Time

1. Navigate to the Home | Services menu bar and press **OK**.
2. The list of Internet services display in alphabetical order. Press ◀ / ▶ to select Facebook facebook, then press **OK**.
3. Press **OK**, then use the navigation buttons ▲▼◀▶ to type in your Facebook user name using the on-screen keyboard. Select **Submit**, then press **OK**.
4. Press **OK**, then use the navigation buttons ▲▼◀▶ to type in your Facebook password using the on-screen keyboard. Select **Submit**, then press **OK**.
5. Press ▼, then **OK** to **Remember Me** if you want your Facebook account stored in the media player for quick access.
6. Press ▶ / ▼, then **OK** with the green check mark selected.



7. Press **OK** to complete the sign-in process. The Facebook home screen displays.

Notifications

Notifications let you know when people take actions on Facebook related to you, so you can quickly check out a photo you've been tagged in or read a new posting on your Wall.

In the Facebook main menu, press ▼ to select **Notifications**. Press ▲ / ▼ to select a notification then press **OK**.

Photos

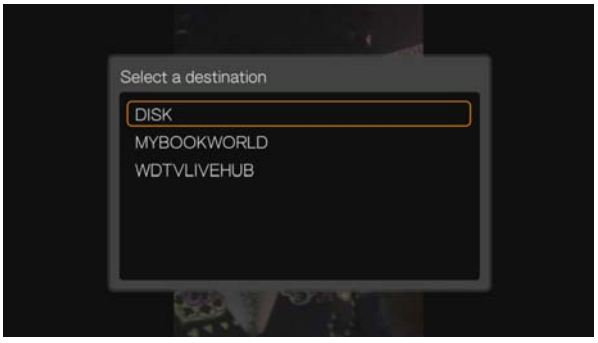
You can view the photos or photo albums you and others users have posted to Facebook either individually or as a slideshow.

1. In the Facebook main menu, select **Photos** then press **OK**.
2. Navigate to a photo album, then press **OK**.
3. Navigate to a photo then press **OK**, or press ⏯ (**PAUSE/PLAY**) to start a photo slideshow (see "Slideshow Playback Controls" on page 89).

Photos Options

With an individual photo selected or a slideshow running, press **Options**.

- **Rotate Left & Right** - See "Rotate Left & Right" on page 86.
- **Zoom** - To change the display's viewing scale, press **OK** repeatedly until the preferred viewing scale is achieved. Press **Options** or **Back** to revert to the default viewing scale.
- **Pan** - To pan the display, press the navigation buttons ▲▼◀▶ repeatedly until the preferred panned view displays. Press **Options** or **Back** to revert to the default viewing scale.
- **Set as Background** - see "Set As Background" on page 86.
- **Download Photo** - Select this option then press **OK** to download the photo to one of your local drives. Select the location you want to download your photo to (network share or attached storage) then press **OK**.



Newsfeed

The Facebook news feed displays all of your friends' comments and allows you to "Like" or comment. The number of people who like or have commented on each entry displays inside the corresponding icons to the right of the news feed entry.

1. In the Facebook main menu, press ◀/▶ to select **Newsfeed**, then press **OK**.

2. Press ▲/▼ to view your friends' comments and posts.
3. With an entry selected, press ▶ once to select "Like," if you like the entry, then press **OK**. Press ▶ twice to comment on a news feed entry, press **OK**, then enter your comment using the on-screen keyboard.

Note: Navigating to **What's on your mind?** and pressing **OK** allows you to add a comment to your wall in the newsfeed screen.

Friends

You can access your friends' pages to view their photos, videos, and Wall posts.

1. In the Facebook main menu, press ◀/▶ to select **Friends**, then press **OK**.
2. The page of the friend you have selected displays. The photos section of the page displays by default. You can view photos or navigate to Videos or Wall, then press **OK** to view your friend's videos and wall comments.

Wall

The Facebook Wall displays all of your entries and your friends comments and allows you to "Like" or comment. The number of people who like or have commented on each entry displays inside the corresponding icons to the right of the Wall entry.

1. In the Facebook main menu, press ◀/▶ to select **Wall**, then press **OK**.
2. Press ▲/▼ to view your friends' comments and posts.
3. With an entry selected, press ▶ once to select "Like," if you like the entry, then press **OK**. Press ▶ twice to comment on a wall entry, press **OK**, then enter your comment using the on-screen keyboard.

Note: Navigating to **What's on your mind?** and pressing **OK** allows you to add a comment to your wall.

Videos

You can view the videos you and others users have posted to Facebook.

1. In the Facebook main menu, select **Videos** then press **OK**.
2. Navigate to a video, then press **OK**.

Videos Player

With a video playing, press **OK** to bring up the videos player info panel. You can choose to **Like** or **Comment** on a video in the info panel, then press **OK**.

Videos Options

With a video playing, press **Options**.

- **Zoom** - To change the display's viewing scale, press **OK** repeatedly until the preferred viewing scale is achieved. Press **Options** or **Back** to revert to the default viewing scale.
- **Pan** - To pan the display, press the navigation buttons ▲▼◀▶ repeatedly until the preferred panned view displays. Press **Options** or **Back** to revert to the default viewing scale.
- **Browse description** - Select this option then press **OK** to view the description of the video.
- **Download video** - Select this option then press **OK** to download the video to one of your local drives. Select the location you want to download your video to (network share or attached storage) then press **OK**.

Event

Event displays all events you've been invited to, and allows you to view more information about or comment on events, and view your friends' comments and "Like" or comment on them. The number of people who like or have commented on each entry displays inside the corresponding icons to the right of the Event entry.

1. In the Facebook main menu, press ◀ / ▶ to select **Events**, then press **OK**.
2. Select an event you've been invited to, then press **OK**.
3. Select **Write a Comment...** or **View More Info** to write a comment about or view more info for the event.
4. Press ▲ / ▼ to view your friends' comments and posts.
5. With an entry selected, press ▶ once to select "Like," if you like the entry , then press **OK**. Press ▶ twice to comment on an event entry , press **OK**, then enter your comment using the on-screen keyboard.

Sign Out

In the Facebook main menu, select **Sign Out** then press **OK** to log out of Facebook and return to the Services home screen. All previously saved login data for the Facebook account is erased.

Flickr

Flickr is an online image and video management and sharing website. Flickr content is organized based on tags—a keyword or category label that describes content. Tags help users to search for contents that have something in common. Each content file can have as many as 75 tags associated with it.

To learn more about Flickr services, and the options and limitations related to them, go to *http://www.flickr.com/tour/*.

To access Flickr:

1. Navigate to the Home | Search menu bar and and press **OK**.
2. The list of Internet services display in alphabetical order. Press ◀ / ▶ to select Flickr flickr, then press **OK**. The Flickr home screen displays.

   Options include:

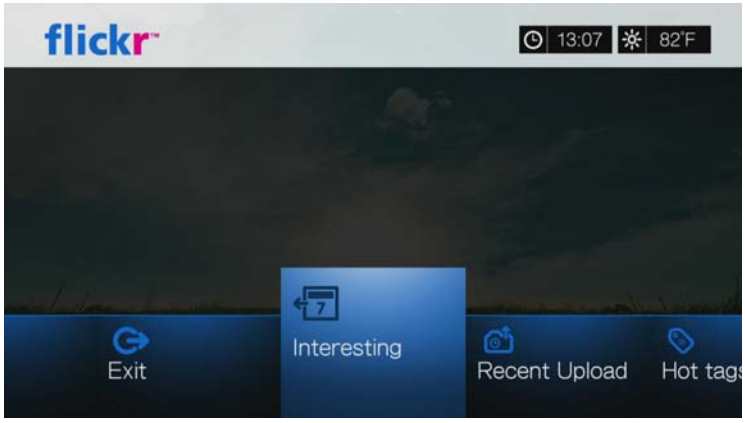
   - Interesting (last seven days)
   - Recent Upload
   - Search
   - My Contacts
   - Hot Tags
   - My Tags
   - Exit

Exploring Contents

You can explore photostreams (Flickr's term for content selection) available in Flickr's public domain.

To explore for random "interesting" media content from the past seven days:

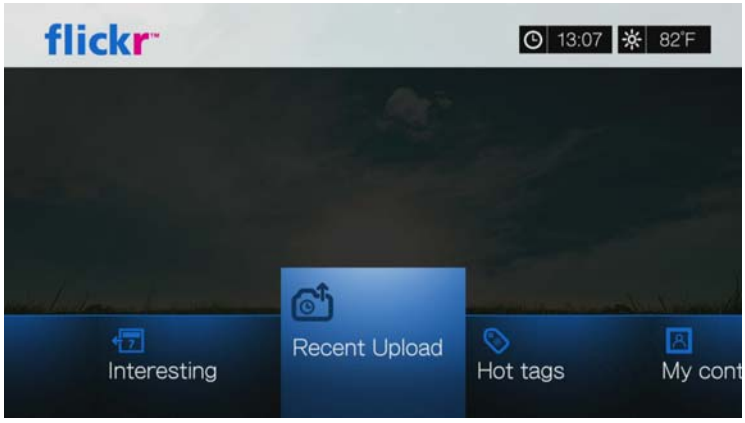
Press ◀ / ▶ to select **Interesting** in the Flickr home screen, then press **OK**.



A photostream showing random contents rated as interesting in the past seven days by Flickr users displays. Go to page 113 for instructions on how to navigate a photostream.

To explore based on the upload date:

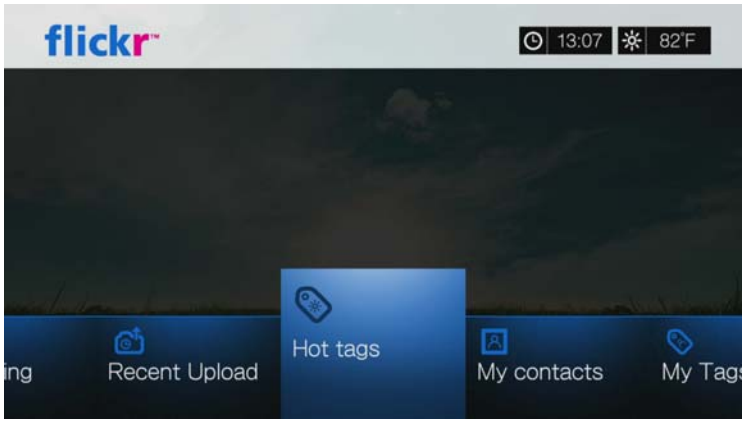
Press ◀ / ▶ to select **Recent Upload** in the Flickr home screen, then press **OK**.



A photostream showing the most recently uploaded content displays. Go to “Flickr Photostream” on page 113 for instructions on how to navigate a photostream.

To explore based on popular tags:

1. Press ◀ / ▶ to select **Hot tags** in the Flickr home screen, then press **OK**.



2. Press the navigation buttons to select a tag from the list, then press **OK**.

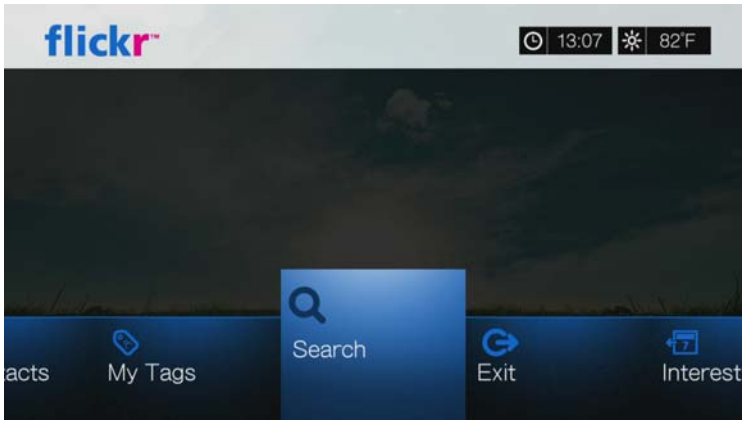
   A photostream showing contents associated with the selected tag is displayed. Go to “Flickr Photostream” on page 113 for instructions on how to navigate a photostream.

Searching for Contents

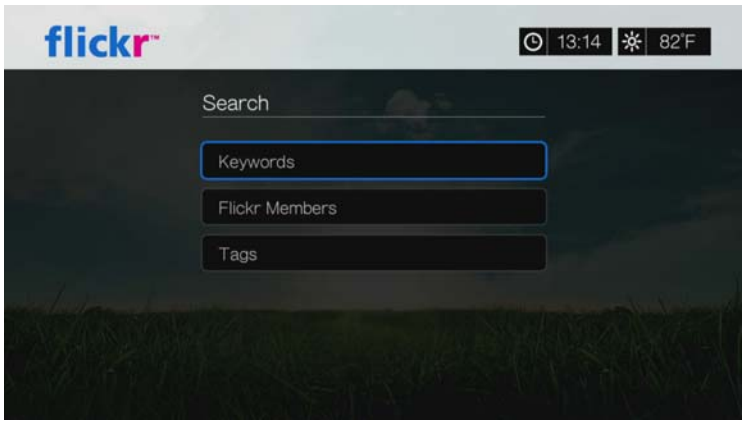
To search for content based on a specific keyword:

Keywords are words or phrases associated with the type of content you’re looking for. Keyword searches are based on information indicated on a member’s profile page.

1. Press ◀/▶ to select **Search** in the Flickr home screen, then press **OK**.



2. Press ▲/▼ to select **Keywords**, then press **OK**.



3. Use the navigation buttons ▲▼◀▶ to type a search word using the on-screen keyboard. Select **Submit**, then press **OK**.

   A photostream showing contents associated with the specified keyword displays. Go to page 113 for instructions on how to navigate a photostream.

To search for content based on tags:

Perform this type of search to find content based on information indicated in a member's tags list.

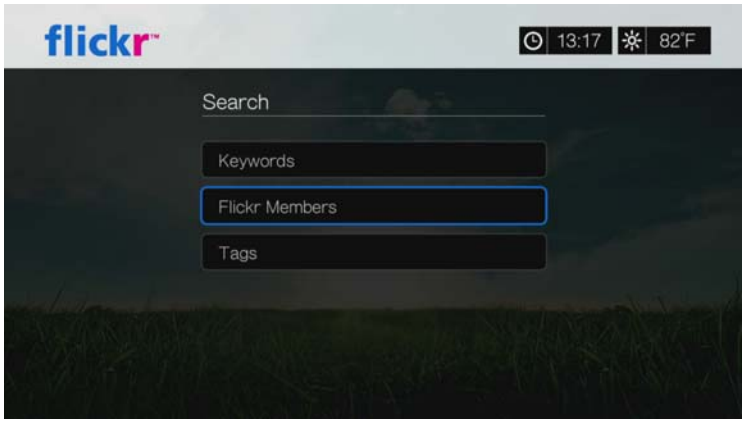
1. Press ◀/▶ to select **Search** in the Flickr dashboard, then press **OK**.
2. Press ▲/▼ to select **Tags**, then press **OK**.
3. Use the navigation buttons ▲▼◀▶ to type a search word using the on-screen keyboard. Select **Submit**, then press **OK**.

   A photostream showing contents associated with the specified word is displayed. Go to "Flickr Photostream" on page 113 for instructions on how to navigate a photostream.

Searching for a Flickr Member

To search for a Flickr member:

1. Press ▲/▼ to select **Search** in the **Explore** screen, then press **OK**.
2. Press ▲/▼ to select **Flickr member**, then press **OK**.



3. Use the navigation buttons ▲▼◄► to type a member's user name, email address, or interest using the on-screen keyboard. Select **Submit**, then press **OK**.

   A browser screen listing Flickr member links matching your search criteria displays.

4. Press ▲/▼ to select a link, then press **OK** to view that member's profile page.

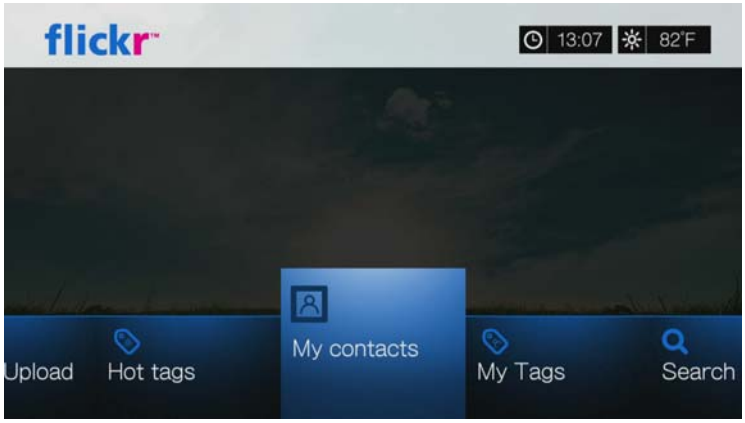
   If the selected member has public photostreams, you can explore them. Use the navigation buttons ▲▼◄► to select a content selection, then press **OK** to explore it. Go to the next section for instructions on how to navigate a photostream.

My Contacts

My Contacts shows a list of Flickr members you have searched for.

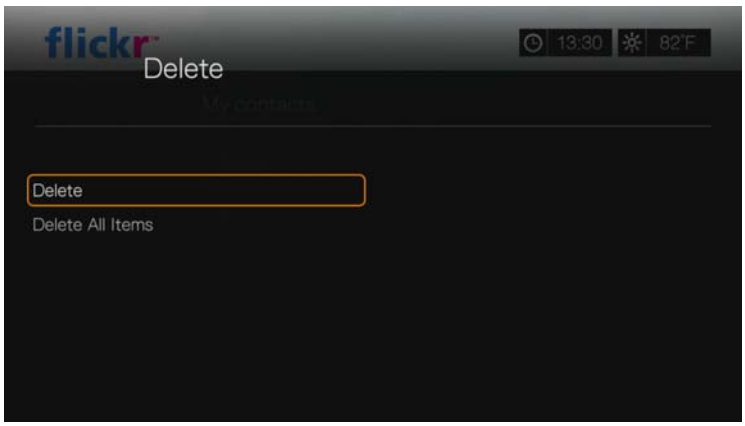
To view My Contents:

1. Press ◄/► to select **My Contents** in the Flickr home screen, then press **OK**.



2. Press ▲/▼ to select a Flickr member you've searched for previously, then press **OK** to view their photos.

3. To remove a contact from the list, select the contact name and press **Options**. Select **Delete** or **Delete All Items**, then press **OK**.

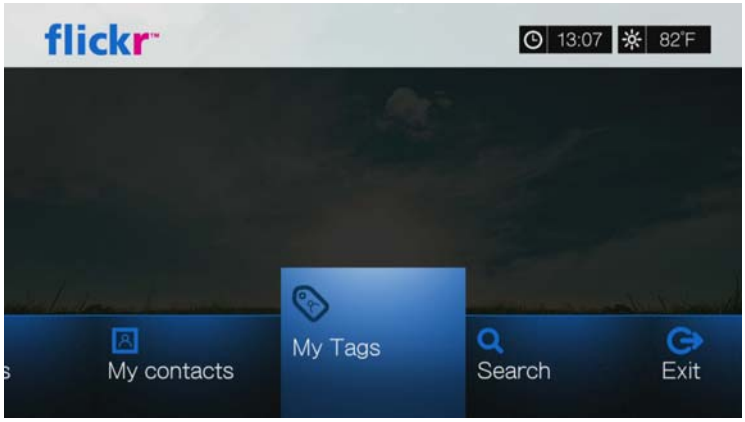


My Tags

My Tags shows a list of Flickr tags you have searched for.

To view My Tags:

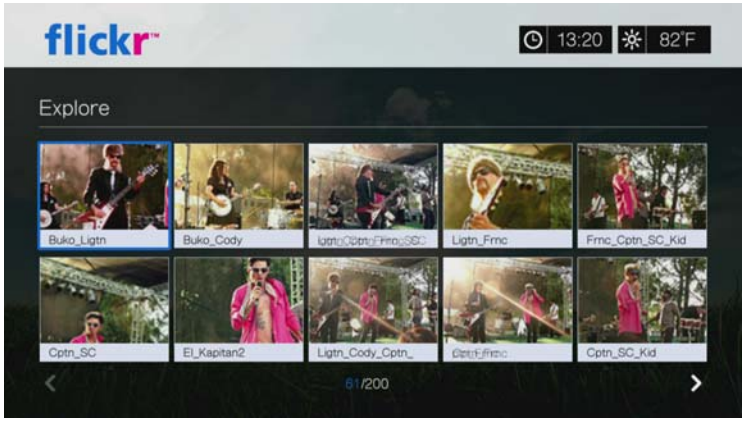
1. Press ◀/▶ to select **My Tags** in the Flickr home screen, then press **OK**.



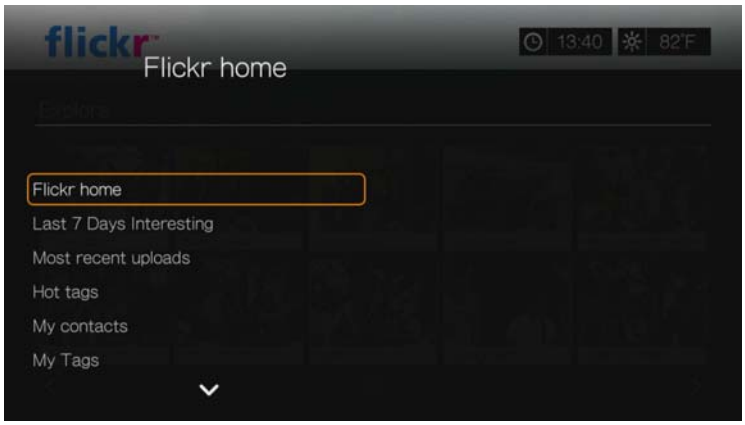
2. Press ▲/▼ to select a tag you've searched for previously, then press **OK** to view the photos associated with the tag.
3. To remove a tag from the list, select the tag and press **Options**. Select **Delete** or **Delete All Items**, then press **OK**.

Flickr Photostream

The Flickr photostream layout is the same as that of a Photos directory in thumbnail mode.



- You can use the navigation buttons ▲▼◀▶ to select content.
- To view content in fullscreen mode, select the file and press **OK**.
- To view a slideshow using all the current photostream's content, press ⏸▶ or **OK**. Contents display in the Flickr Player screen. Go to next section for information.
- To return to the photostream from fullscreen mode, press **Back**.
- To return to the photostream from Player mode, press ■.
- To view all photos in full screen, go to Photo Settings and select Fit to screen (see "Photo Scaling" on page 181).
- While in the photostream layout, press Options to jump back to the Flickr home page or choose any of the Flickr home page menu options.



Flickr Player

The Flickr Player layout is the same as that of a photo slideshow.

- Press ⏭ to view the next image in the photostream.
- Press ⏮ to view the previous image in the photostream.
- To return to the photostream, press ■.

Player Options

As with a regular photo slideshow, you can customize the way content is displayed in the Flickr Player. To do this, press **Options**.

Note: To view photos enlarged in fit to screen or full screen mode, access the Setup menu and follow the instructions under "Photo Scaling" on page 181.

- To rotate the image display, press ▲/▼ and select **Rotate left** or **Rotate right**, then press **OK** repeatedly until the preferred display angle is achieved.
  The display is rotated clockwise or counter-clockwise in 90° increments. Press **Options** or **Back** to revert to the default display angle.
- To change the display's viewing scale, press ▲/▼ and select **Zoom & Pan**, then press **OK**. Press **OK** repeatedly until the preferred viewing scale is achieved. Press **Options** or **Back** to revert to the default viewing scale.
- To pan the display, press ▲/▼ and select **Zoom & Pan**, then press **OK**. Press the navigation buttons ▲▼◀▶ repeatedly until the preferred panned view displays. Press **Options** or **Back** to revert to the default viewing scale.

Exit Flickr

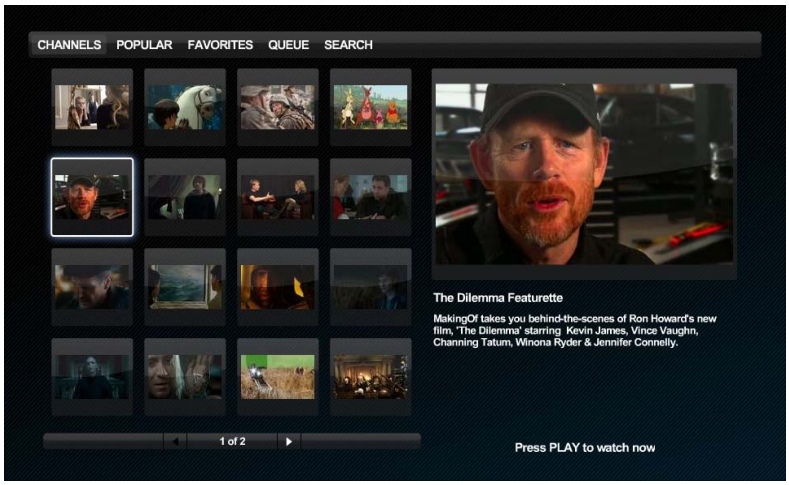
To return to the Services home screen, press ◀/▶ to select **Exit** in the Flickr dashboard, then press **OK**.

Flingo

Flingo offers free Internet Television from leading studios, TV networks, and video websites. It also allows you to turn the Web into your remote control. You can simply "fling" your favorite videos to the Queue in the Flingo application on your media player. For more information go to *www.flingo.tv*.

To access Flingo:

1. Navigate to the Home | Services menu bar and press **OK**.
2. The list of Internet services display in alphabetical order. Press ◀ / ▶ to select Flingo , then press **OK**.
3. Press ▲, then press ◀ / ▶ to choose a category (Channels, Popular, Favorites, Queue, and Search) from the Flingo interface. Press **OK**.
4. Use the navigation buttons ▲▼◀▶ to select a channel, then a video within the channel. Press ⏯ or **OK** to begin playing the video.


CHANNELS
POPULAR
FAVORITES
QUEUE
SEARCH
The Dilemma Featurette
MakingOf takes you behind-the-scenes of Ron Howard's new film, 'The Dilemma' starring Kevin James, Vince Vaughn, Channing Tatum, Winona Ryder & Jennifer Connelly.
1 of 2
Press PLAY to watch now

5. Press the Home button to exit Flingo.

Hulu Plus (US only)

Hulu Plus offers current hit TV shows and award-winning movies anytime in HD. Watch any current season episode of top shows like *Modern Family*, *Glee*, *30 Rock* and many others, enjoy classic series, or explore acclaimed movies from The Criterion Collection and Miramax. Visit *www.hulu.com/plus* for details.*

* Hulu Plus membership required. US only.

The following conditions must be satisfied before you can use the Hulu Plus service.

- You must have a Hulu Plus subscription. Go to *www.hulu.com/plus* to create your account.
- At present, Hulu Plus is only available for users located in the United States. You must have a US-based network connection.

To access Hulu Plus:

1. Navigate to the Home | Services menu bar and press **OK**.
2. The list of Internet services display in alphabetical order. Press ◀ / ▶ to select Hulu Plus hulu PLUS, then press **OK**.
3. If you are a Hulu Plus subscriber, choose **Yes**, then press **OK**. Proceed to step 4. If you are not a Hulu Plus subscriber, choose No, then press OK. Write down the referral code, which you will enter when you go to *www.hulu.com/plus* to create your account.

   Note: If you select **No**, you can still choose **View sample videos** and **Learn more about Hulu Plus**.
4. Write down the activation code and follow the onscreen instructions (go to *www.hulu.com/activate* and enter your user name, password, and activation code). Or, select **Log in to Hulu Plus** to log in to your Hulu Plus account using the onscreen keyboard (you will need to do this each time you log out and log back in to your Hulu Plus account).
5. The Hulu Plus Home screen displays. Press ▼, then press ◀ / ▶ to choose another category (Search, Browse Movies, Browse TV, Recently Added, Most Popular, Queue/Profile, Recommended, and Help) from the Hulu Plus interface. Press **OK**.
6. Press the Home button to exit Hulu Plus.

Live365

Use Live365 to create your own online radio station or listen to other Live365 broadcasters' online stations. Music selections are compiled based on user ratings. Some small AM and FM stations also utilize Live365 to stream audio over the Internet.

To access Live365:

1. Navigate to the Home | Services menu bar and press **OK**.
2. The list of Internet services display in alphabetical order. Press ◀ / ▶ to select Live365 LIVE 365, then press **OK**.

   Options include:

   - Stations
   - Last Played
   - My Presets
   - About
   - Exit

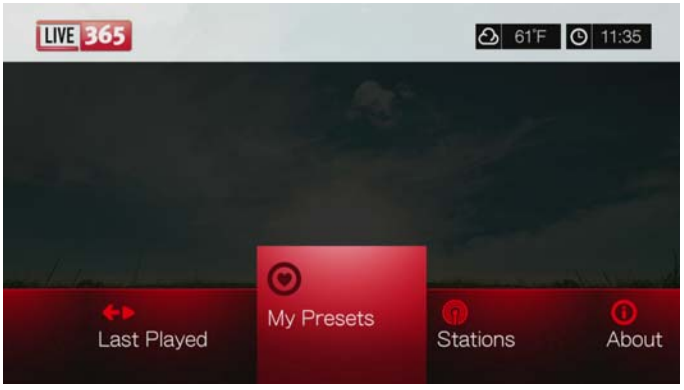
Signing in to Live365 (Optional)

You can start listening to free Live365 stations as an unregistered user, but to enjoy more features like access to recommended stations, saving stations to favorites, securing track information, setting station preferences, and many others, you need to sign up for a Live365 account.

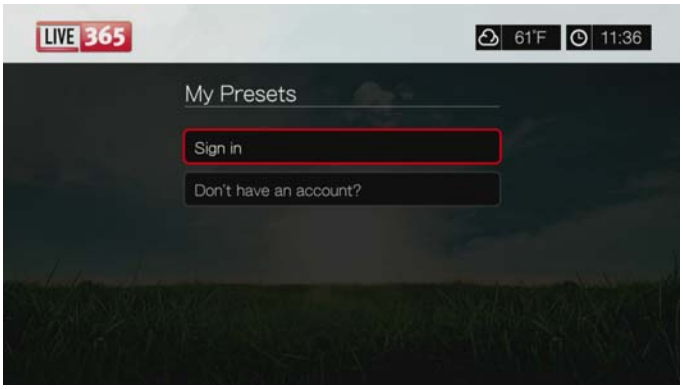
To sign in to Live365:

1. Navigate to the Home | Services menu bar and press **OK**.
2. The list of Internet services display in alphabetical order. Press ◀ / ▶ to select Live365, then press **OK**.

1. On the Live365 main screen, press ◀ / ▶ to select **My Presets**, then press **OK**.



2. Press ▲/▼ to select **Sign In** or **Don't have an account?**, then press **OK**. If you don't have an account, follow the on-screen instructions to create your Live365 account online.



3. Use the navigation buttons ▲▼◀▶ to key in your Live365 user name on the on-screen keyboard. Select **Submit**, then press **OK**.
4. Use the navigation buttons ▲▼◀▶ to key in your Live365 account password on the on-screen keyboard. Select **Submit**, then press **OK**.
5. Press ▲/▼ to select a save option.

Options include:

- **No** – Your account details are not saved. You need to repeat the initial sign-in process every time you use the media player to access the Live365 service.
- **Save username only** – Your user name is saved, but you will be prompted to type in your password every time you use the media player to access the Live365 service.
- **Yes** – Both your user name and password are saved. You are automatically logged in to your account every time you select Live365 from the Services menu bar.

6. Press **OK** to complete the sign-in process. Once you have successfully signed in, the Live365 Home screen appears.

   From this screen you can browse for new stations, access previous stations you've listened to, and define profile preferences for your Live365 account.

To sign up for a Live365 account, go to *http://www.live365.com/wdtv*.

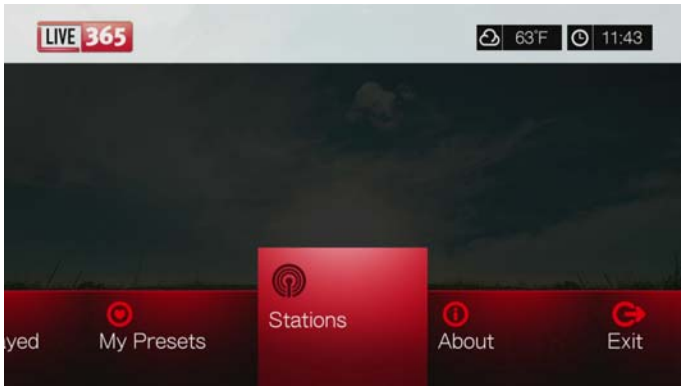
For more information on the features, options, and limitations of using Live365, go to *http://www.live365.com/index.live*.

Listening to a Live365 Station

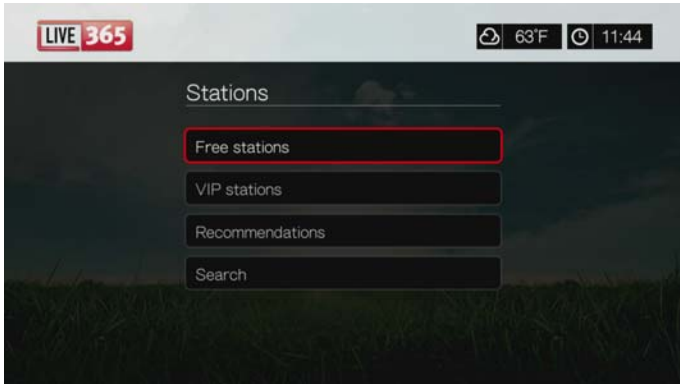
- New Live365 users can browse for a radio station.
- You can access the last station you've listened to if you've already accessed Live365 from the media player.
- Registered Live365 users can access My Preset List and listen to favorite stations.
- Live365 VIP members can listen to premium radio stations.

To browse for a radio station:

1. On the Live365 main screen, press ◀ / ▶ to select **Stations**, then press **OK**.



2. Press ▲ / ▼ to select a station category, then press **OK**.



   Selections include:

   - **Free Stations** – Free Internet radio.
   - **VIP Stations** – Premium, uninterrupted Internet radio for registered and paying Live365 users. You must sign in to your Live365 account and be a valid VIP member before you can access this category. Go to page 121 for more information.
   - **Recommendations** - Free Internet radio recommended by your other Live365 users. You must be signed in to access these stations.
   - **Search** – Search for a Live365 station. Go to page 121 for more information.

3. Press the navigation buttons to select the station you want to listen to. Press **OK**.
4. Press ▲ if you want to add the station to My Presets if you have a Live365 account. Press **OK**.
5. Press ⏯ or **OK** to start listening to the selected radio station.

The Live365 Station screen:

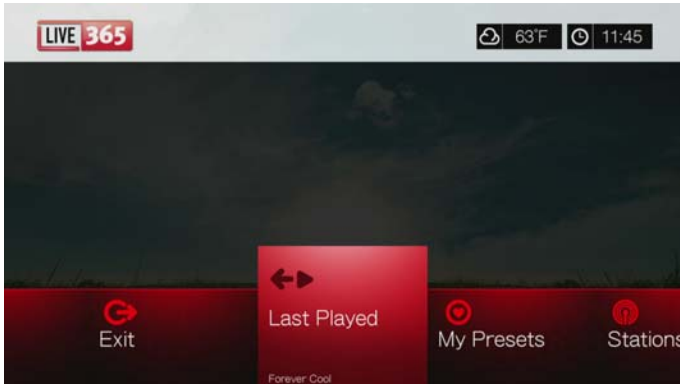
The Live365 station screen provides view and sorting and audio quality filtering options.

1. Press ▲, select the view icon , and press **OK** to switch between Grid and List views.
2. Press ▲/▶ to select the sorting and filter icon , and press **OK**.
3. Press ▶, then ▲/▼ to select Filter by audio quality. Options include All Stations, Only high (audio quality), Medium to high (audio quality), Low to medium (audio quality), and Only low (audio quality). Press **OK**.
4. Press ▶, then **OK** to select the green check mark , then press **OK** again.

5. Select Sorting and repeat the steps above to sort stations either Alphabetically or By Popularity.

To access the last station listened to:

1. On the Live365 main screen, press ◀/▶ to select **Last played**.



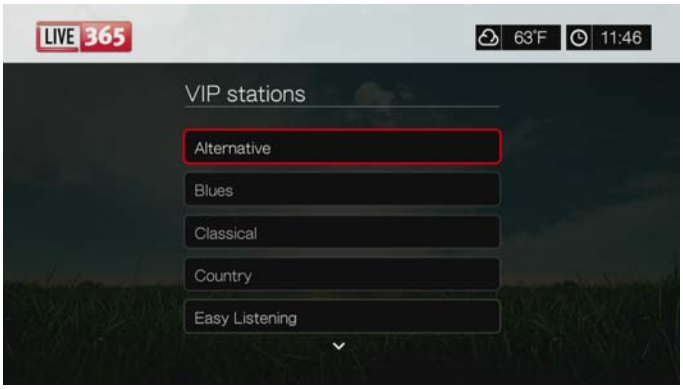
2. Press ⏯ or **OK** to start listening to the selected radio station.

To listen to a favorite station:

1. On the Live365 main screen, press ◀ / ▶ to select **My Presets**, then press **OK**. Press ◀ / ▶ to select a station from your preset list.
2. Press ❚❚ ▶ or **OK** to start listening to the selected radio station.

To listen to a VIP station:

1. On the Live365 main screen, press ▲ / ▼ to select **Stations**, then press **OK**.
2. Press ▲ / ▼ to select **VIP Stations**, then press **OK**.
3. Press ▲ / ▼ to select a music genre, then press **OK**.



4. Press ▲ / ▼ to select a music sub-genre, then press **OK**.
5. Press ◀ / ▶ to select the station you want to listen to.
6. Press ❚❚ ▶ or **OK** to start listening to the selected radio station.

Searching for a Live365 station

Perform a station search based on the following criteria:

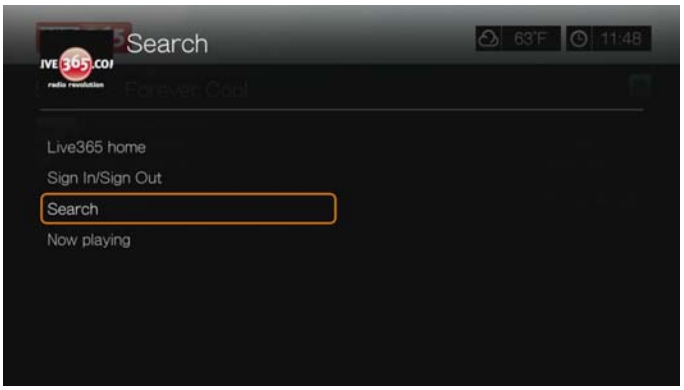
- Artist name
- Track or CD title
- Station information
- Music genre
- Station location
- Audio quality.

You can limit your search based on whether a station has been rated by Live365 editors or if it is a professional, independent, or official station.

To search for a Live 365 station:

1. On the Live365 home screen, select **My Presets**, **Stations**, or **Last Played**, then press **Options**.

2. Press ▲/▼ to select **Search**, then press **OK**.



3. On the on-screen keyboard, use the navigation buttons ▲▼◀▶ to key in a search keyword, then press **OK**.
4. Press ◀/▶ to select a station from the search result.
5. Press ❚❚▶ or **OK** to start listening to the selected radio station.

Displaying the Currently Playing Station

1. On the Live365 home screen, select **My Presets**, **Stations**, or **Last Played**, then press **Options**.
2. Press ▲/▼ to select **Now Playing**, then press **OK**. The station currently playing displays.

Adding a Station to Your Preset List

If you like a particular station, you can add it to your preset list for easier access in the future.

To add a station to your preset list from the Now Playing screen list:

1. Go to the station list showing the station you want to add.
2. Press ◀/▶ to select the station you want to add.
3. Press ▶ several times to enable the ✚ Add to My Preset function, then press **OK**.
4. A confirmation screen appears. Press **OK** to confirm the new preset station and return to the Now Playing screen.

Removing a Station from Your Preset List

You can remove stations you no longer want from your preset list.

To remove a station from your preset list:

1. Sign in to your Live365 account. Go to “To sign in to Live365:” on page 117 for instructions.
2. From the Live365 home screen, press ◀/▶ to select **My Presets**, then press **OK**.
3. Press ◀/▶ to select the station you want to remove.
4. Press ▲ to enable the Remove Station function, then press **OK**.
5. A confirmation prompt appears. Press **OK** to go back the Now Playing screen.

Providing Song Feedback

Music selections in Live365 are compiled based on their user ratings. You can participate in the selection process by giving a song the “thumbs up” or “thumbs down” vote.

To provide song feedback:

1. While the song is playing, press ◀/▶ to select a feedback icon: for positive feedback, for negative feedback. Press **OK**.
2. A feedback confirmation screen appears. Press **OK** to go back the the Now Playing screen.

Getting Track Information

You can send the track information of the currently playing song to your email account for later reference.

To secure track information:

1. While the song is playing, press ◀/▶ to select , then press **OK**.
2. A confirmation screen appears. Press **OK** to return to the Now Playing screen.
   The track information will be sent to the email address you used to sign up for your Live365 account.

Signing out from Live365

Sign out of Live365 after a listening session to ensure that nobody can make changes to your Live365 settings and stations without your permission.

To sign out from Live365:

1. In a Stations or the Now Playing screen, press **Options**, then ▲/▼ to select **Sign In/Sign Out**, then press **OK**.
2. Press ◀/▶ to select **OK** on the confirmation prompt, then press **OK**.

Exit Live365

To return to the Services home screen, press ◀/▶ to select **Exit** in the Live365 home screen, then press **OK**.

Mediafly

Mediafly conveniently brings your favorite Internet content and podcasts to your media player from favorite sources like CNN, BBC, NBC, ESPN, WSJ, Fox, NPR, and more. Set up once with Mediafly and enjoy the same content on TVs, smartphones, computers, and beyond. Mediafly is available worldwide; features may vary based on country.

To access Mediafly:

1. Navigate to the Home | Services menu bar and press **OK**.
2. The list of Internet services display in alphabetical order. Press ◀ / ▶ to select Mediafly , then press **OK** to display the Mediafly home screen.

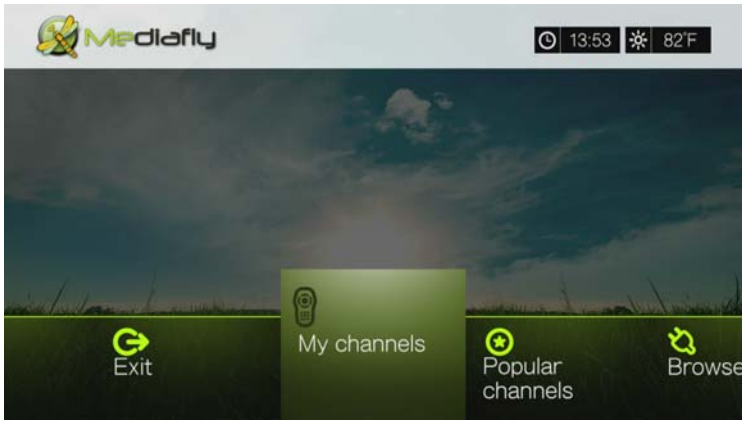
   Options include:

   - My Channels
   - Popular Channels
   - Browse content plug-ins
   - Search
   - Exit

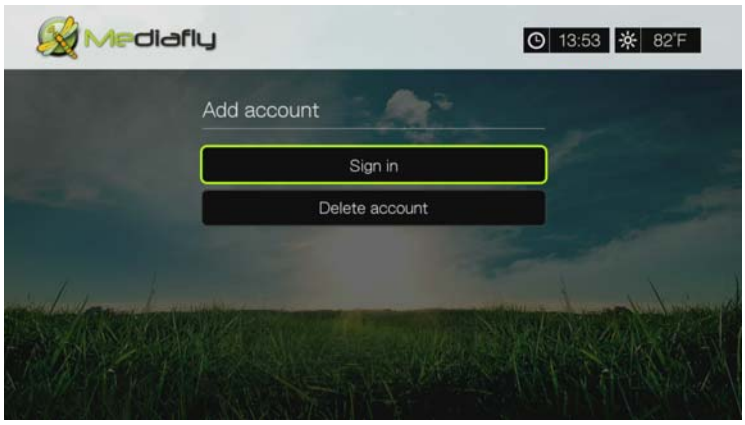
Signing In To Your Mediafly Account

Note: If you do not have a Mediafly account and want to create one, go to *www.mediafly.com/wd.*

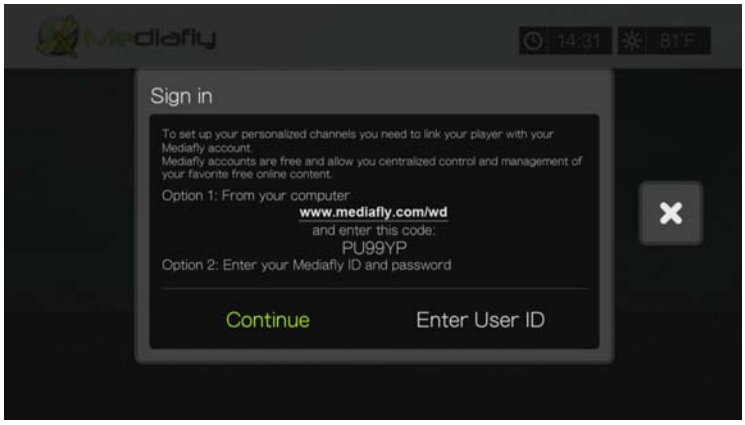
1. Navigate to the Home | Services menu bar.
2. Press ◀ / ▶ to select Mediafly, then press **OK.**
3. On the Mediafly home screen, press ◀ / ▶ to select **My Channels**, then press **OK**.



4. Select **Sign in**, then press **OK**.



5. You are provided with two options to sign in to your Mediafly account.


Mediafly
14:31
81°F
Sign in
To set up your personalized channels you need to link your player with your Mediafly account.
Mediafly accounts are free and allow you centralized control and management of your favorite free online content.
Option 1: From your computer
www.mediafly.com/wd
and enter this code:
PU99YP
Option 2: Enter your Mediafly ID and password
Continue
Enter User ID

Option 1: On your computer, go to *www.mediafly.com/wd* and enter the code on your TV screen. Select **Continue**, then press **OK**.

Option 2: Select **Enter User ID**, then press **OK**. Go to steps 6-7.

6. Press **OK**, then use the navigation buttons ▲▼◀▶ to type your Mediafly user name in the on-screen keyboard. Select **Submit**, then press **OK**.
7. Select Password, press **OK**, then sse the navigation buttons ▲▼◀▶ to type your Mediafly account password in the on-screen keyboard. Select **Submit**, then press **OK**.
8. Press OK again with the green check mark selected.

My Channels

1. When you have signed in to Mediafly using one of the methods described above, select **My Channels**, press ▼ / ▲ to select a podcast category, then press **OK** to display the podcasts you have added to your account in Mediafly.

Note: If you have not added any podcasts, the screen displays "no content found."

2. Press A or navigate to ▣ and press **OK**, then ▼ / ▲ to choose a filter (**Both**, **Audio**, **Video**), then press **OK** twice.
3. Press ▲ / ▼ to select a podcast from the display.
4. Press ❚❚ ▶ or **OK** to start watching or listening to the selected podcast.

Mediafly Player

The Mediafly layout is similar to the regular video playback screen. It displays the playback status bar and the elapsed and total playback times.

- Press **PLAY/PAUSE** to pause and resume playback.
- Press **FF/REV** to fast forward or reverse in 10 second increments.
- Press **NEXT/PREV** to select the next/previous podcast in the channel.

Mediafly Player Options

Press **Options** during playback, then press ▼ / ▲ to select any of the following options:

- Show info
- View episodes
- Rate
- Favorite
- Add to my channel
- Remove from my channel

Show info

1. Press ▼ / ▲ to select **Show info** from the Options screen, then press **OK**.
2. Information about the podcast displays. Press **OK** to return to the Options screen or **Back** to resume watching or listening to the podcast.

View episodes

1. Press ▼ / ▲ to select **View episodes** from the Options screen, then press **OK**.
2. Episodes associated with the podcast display. Press ▼ / ▲ to select a podcast from the list, then press **OK**.

Rate

1. Press ▼ / ▲ to select **Rate** from the Options screen, then press **OK**.
2. Press ◄ / ► to select a rating (one to four stars), then press **OK**. Select **This episode** or **All episodes in this show**, then press **OK.**

Add to my channel

1. Press ▼ / ▲ to select **Add to my channels** from the Options screen, then press **OK.**
2. Select **This episode** or **All episodes in this show**, then press **OK.**

Remove from my channels

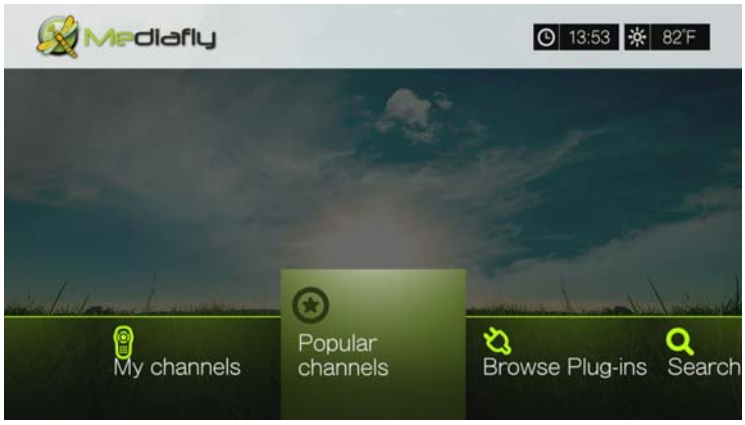
1. Press ▼ / ▲ to select **Remove from my channels** from the Options screen, then press **OK.**
2. Select **This episode** or **All episodes in this show**, then press **OK.**

Popular Channels

These are channels deemed most popular by Mediafly users.

To access Popular Channels:

1. On the Mediafly dashboard, press ◀ / ▶ to select **Popular Channels**, then press **OK**.

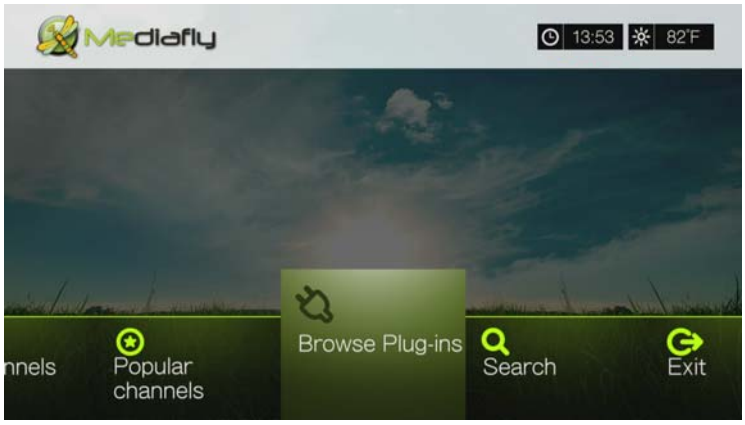


2. Press ▼ / ▲ to select a Popular channels category, then press **OK**.
3. Press A or navigate to and press **OK**, then ▼ / ▲ to choose a filter (**Both**, **Audio**, **Video**), then press **OK** twice.
4. Press ▲ / ▼ to select a podcast from the display.
5. Press ❚❚ ▶ or **OK** to start watching or listening to the selected podcast.

Browse content plug-ins

To browse content plug-ins:

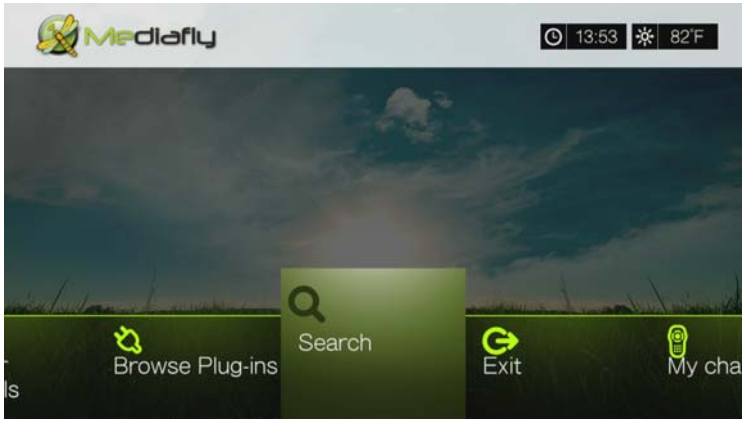
1. On the Mediafly dashboard, press ◀ / ▶ to select **Browse content plug-ins** , then press **OK**.



2. Press ▲ / ▼ to select one of the options in the Media Plug-ins screen, then press **OK**.

Search

1. On the Mediafly dashboard, press ▲/▼ to select **Search**, then press **OK**.



2. Press ▲/▼ to filter channel results (**Both**, **Audio**, **Video**, **Add Media Plug in via mCode**), then press **OK**.
3. Use the navigation buttons ▲▼◀▶ to type a podcast search using the on-screen keyboard. Press **OK**, then press **OK**.
4. Press ▲/▼ to select a podcast from the display, then press ⏯ or **OK** to start watching or listening to the selected podcast.

Deleting a Mediafly Account

1. On the Mediafly dashboard, press ▲/▼ to select **My Channels**, then press **OK**.
2. Press **Options**, then select **Manage User**. Press **OK**.

3. Press ▲/▼ to select **Delete account**, then press **OK**.
4. Press ▲/▼ to select the account you want to delete, then press **OK**.
5. Press ◀/▶ to select **OK** on the confirmation prompt, then press **OK**.

Exit Mediafly

To return to the Services home screen, press ◀/▶ to select **Exit** in the Mediafly home screen, then press **OK**.

Netflix

Enjoy new releases, classics, and TV episodes instantly on your WD TV Live Hub media player. Don't wait for the mailman to deliver your movies and don't settle for streaming to your small computer screen. Access your Netflix unlimited membership and instantly watch TV episodes and movies on your big screen.*

*Netflix is available in certain countries. Unlimited membership required. More information at *www.netflix.com*.

To access Netflix:

Important: Be sure to update your firmware to the latest version before following the instructions below. See "System Firmware Upgrade" on page 196 for further details.

1. Navigate to the Home | Services menu bar and press **OK**.
2. The list of Internet services display in alphabetical order. Press ◀ / ▶ to select Netflix NETFLIX, then press **OK**.

Existing Netflix Members

Follow the on-screen instructions to enter your user name (in most cases, your registered email address) and password to log in to your account using the remote control. Go to *www.netflix.com/signinhelp* if you encounter any problems.

New to Netflix

Go to *www.netflix.com/wdtv* to sign up and start a one month free trial.

Netflix Navigation

Once you have accessed your Netflix account, navigate using the remote control to choose from a variety of categories of movies and TV shows.

Note: To deactivate Netflix on the media player, reset the device to factory defaults. See "Device Reset" on page 192. To deactivate the media player from your Netflix account, log in to your Netflix account. Navigate to "Your Account & Help." Under "Manage Netflix ready devices and computers" locate the WD TV device and select "Deactivate."

Pandora (US only)

Pandora is an automated music recommendation and Internet radio service. With Pandora, you can input a song title or artist name and the service responds by playing selections that are musically similar. You can provide feedback (approved/not approved) on individual songs, which Pandora takes into account for future selections.

Conditions for Using Pandora

The following conditions must be satisfied before you can use the Pandora service.

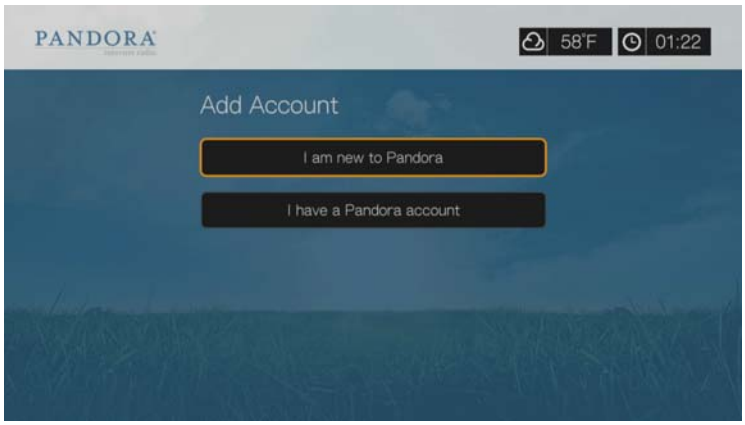
- You must have a Pandora account. Go to *www.pandora.com/wd* to create your account. Once you have registered, note your activation code. You will need this code to sign in to Pandora from your media player.
- At present, Pandora is only available for users located in the United States. You must have a US-based network connection.

To set the system language to English:

1. Navigate to Home | Setup menu bar.
2. Press ◄/► to select **Appearance**, then press **OK**.
3. Press ▲/▼ to select **Language**, then press **OK**.
4. Press ▲/▼ to select **English**, then press **OK**.

Signing in to Pandora for the First Time

1. Navigate to the Home | Services menu bar and press **OK**.
2. The list of Internet services display in alphabetical order. Press ◀ / ▶ to select Pandora PANDORA , then press **OK**.
3. Press **OK** to bring up the Add Account screen.
4. If you already have a Pandora account, choose **I have a Pandora account**, then press **OK** to create your new Pandora account. Proceed to step 6.



5. If you do not have a Pandora account, select **I am new to Pandora**, then press **OK**.
6. Write down the activation code and follow the onscreen instructions (go to *www.pandora.com/wd* to create your new account). When finished, choose **Continue**, then press **OK**.
7. Use the navigation buttons ▲▼◀▶ to type in your Pandora user name using the on-screen keyboard, then press **OK**.
8. Use the navigation buttons ▲▼◀▶ to type in your Pandora account password using the on-screen keyboard, then press **OK**.
9. Press ◀ / ▶ to select a save option.

   Options include:

   - **No** – Your account details will not be saved. You need to repeat the initial sign-in process every time you access the Pandora service using the media player.
   - **Save username only** – Your user name is saved, but you will be prompted to type in your password every time you access the Pandora service using the media player.
   - **Yes** – Both your user name and password are saved. You are automatically logged in to your account every time you access the Pandora service using the media player.

10. Press **OK** to complete the sign-in process.

Once you have successfully signed in to Pandora, the Stations screen appears.

From this screen you can create new stations, start listening to previously created stations and Quickmix playlist, and define profile preferences for your account.

For more information on the features, options, and limitations of using Pandora, go to *http://www.pandora.com*.

Pandora Stations

A Pandora station is a personalized stream of music, based on one or more artist names or song titles of your choice. Once you've signed in to Pandora from your media player, you can easily access your stations from the Music menu bar.

Pandora stations reminders

- You can have up to 100 stations at any one time, plus one QuickMix. Once you reach this maximum number of stations you have to delete a station before you can add another one.
- Pandora does not allow immediate or "on demand" playback of a specific song.
- A Pandora station cannot play more than four songs by an artist in a three-hour period.
- After eight hours of play, Pandora prompts you to see if you're still listening. Streaming stops until you respond.
- The music selection streamed into your Pandora station contains a mix of songs or artists that were compiled based on:
  - the initial station "seed' used in creating that station. Go to the next section for instructions on how to create a new Pandora station.
  - the track feedback (thumbs up / thumbs down) you provide. Go to page 134 for more information.
  - the number of skips assigned to a track. Go to page 134 for more information.
- You cannot reverse or immediately replay the songs played on your Pandora station.

To create a Pandora station:

1. Navigate to **Create Station** or press **Options** to select **Create station**. Press **OK**.
2. Use the navigation buttons ▲▼◀▶ to type the name of an artist or song title using the on-screen keyboard. Select **Submit**, then press **OK**.
3. Press ▲/▼ to select a listing from the search results, then press **OK**.

   The listing you selected will serve as the station 'seed' for Pandora to compile and stream music similar to your station.

To listen to a Pandora station:

1. On the **Stations** screen, use the navigation buttons to select the name of the station you want to listen to.
2. Press ⏯ or **OK** to start listening to the selected Pandora station. Press **NEXT** ⏭ to go to the next song.

To tune in to another station:

1. While listening to a station, press **STOP** ■. You are returned to the Stations screen.
2. Use the navigation buttons to select the name of the station you want to switch to.
3. Press ⏯ or **OK** to start listening to the selected station.

To rename a Pandora station:

1. Tune in to the station you want to rename.
2. Navigate to **Rename Station** or press **Options** then ▲/▼ to select **Rename this station**. Press **OK**.

3. Use the navigation buttons ▲▼◀▶ to key in a new station name using the on-screen keyboard. Select **Submit**, then press **OK**.

To delete a Pandora station:

1. Tune in to the station you want to delete.
2. Navigate to **Delete Station** or press **Options** then ▲/▼ to select **Remove this station**. Press **OK**.
3. Press ◀/▶ to select **OK** on the confirmation prompt, then press **OK**.

QuickMix

QuickMix is a feature that allows you to listen to more than one of your stations at once. QuickMix will play only one song based on particular musical characteristics at a time (unlike regular Pandora stations, which play four related songs in a row), so the mood changes more often.

Providing Song Feedback

You can influence the music selection that is streamed into your Pandora station by providing track feedback for the song currently playing. You can give a song a “thumbs up” or a “thumbs down” vote.

Thumbs up

If you like the currently playing song, give it a thumbs up vote. This positive feedback means:

- The very next set of songs for this station will be generated using the song you’ve given a “thumbs up” vote to as a musical starting point.
- Future sets of songs are likely to have similar musical traits. Multiple “thumbs up" votes on this station for other similar songs will have a cumulative effect.
- This song will play somewhat more often than other songs on this station's potential playlist, and will play about as often as other songs that have received a "thumbs up" on this station.

Thumbs down

If you don't want to hear a song on a particular station, give it a thumbs down vote. This negative feedback means:

- The song will stop playing, if there are any of the remaining "six skips per hour" available on that particular station (this limit is per station, on a rolling per-hour basis).
- The song will be permanently removed from that particular station's playlist.
- A new set of songs with a different musical emphasis will begin to play.
- If you’ve given at least two “thumbs down” vote to a specific artist on that particular station, songs from that artist will no longer be included in that station’s playlist.

To provide song feedback:

- While a song is playing, press ◄/► to select 👍 or 👎, then press **OK**.
  A prompt to confirm your vote appears.

Putting a Song to Sleep

When you want to stop listening to song, but not permanently remove it from a station’s playlist, you put it to “sleep.” This prevents the song from playing on any of your stations for 30 days.

To put a song to sleep:

- While a song is playing, press ◄/► to select 💤, then press **OK**.
  A prompt to confirm the “sleep” action appears.

Bookmarking a Song or Artist

You have the option to bookmark a song or an artist for later reference. You can later refer to this bookmark if you want buy the track when you've sign in to Pandora from your computer or mobile computing device, or if you want to share your musical preferences with other Pandora users.

To bookmark a song or artist:

1. While a song is playing, press ◄/► to select , then press **OK**.
2. Press ▲/▼ to select whether to bookmark the song title or the song artist, then press **OK**.

   The new bookmark is added to your listener profile page. Sign in to Pandora from your computer or mobile computing device to view this profile page.

Why a Song is in my Station's Playlist

You can see why Pandora included a particular song in your station's playlist. While a song is playing, select **Why this song?**, then press **OK**. The song analysis displays.

Deleting a Pandora Account

1. Select Pandora from the Services menu then press **OK**.
2. Press ▲/▼ to select the Pandora account you want to delete, then press ► to select the and press **OK**.

Picasa

View, share and enjoy your photographs right from your television.

To learn more about Picasa services, and the options and limitations related to them, go to *http://www.picasa.google.com*.

To access Picasa:

1. Navigate to the Home | Services menu bar and and press **OK**.
2. The list of Internet services display in alphabetical order. Press ◀ / ▶ to select Picasa, then press **OK** to display the Picasa home screen.

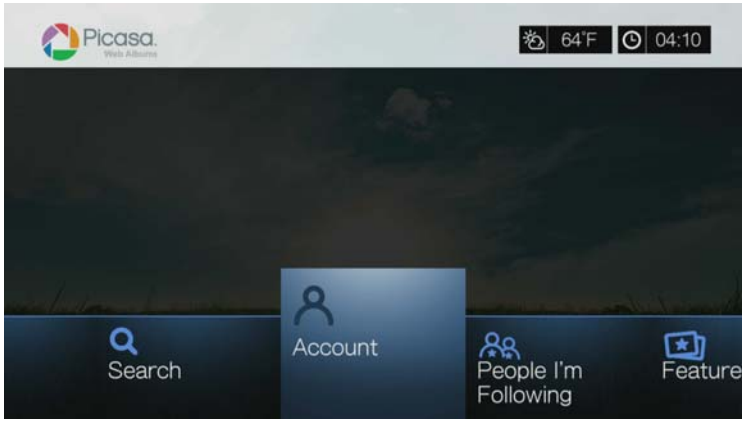
   Options include:

   - Account
   - Search
   - My Photos
   - People I'm Following
   - Featured
   - Recent

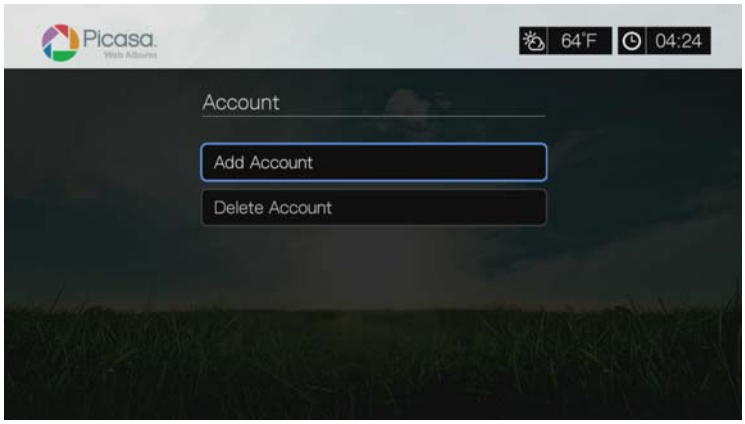
Signing In To Your Picasa Account

Note: If you do not have a Picasa account and want to create one, go to *http://www.picasa.google.com*.

1. Press ◀ / ▶ to select **Account** in the Picasa home screen, then press **OK**.



2. Select **Add Account**, then press **OK**.



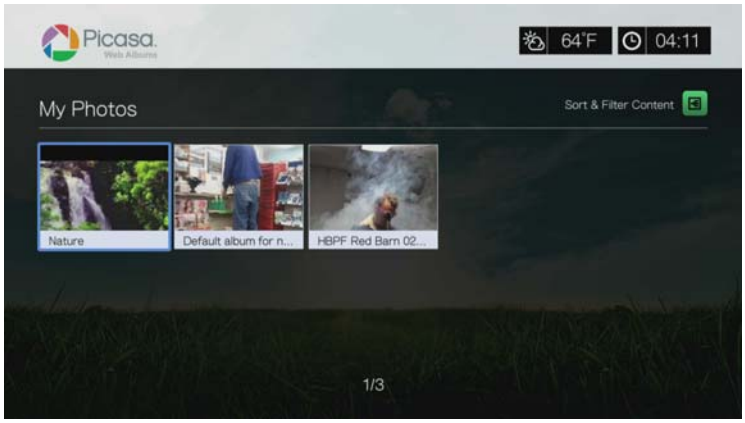
3. Use the navigation buttons ▲▼◀▶ to type your Picasa user name in the on-screen keyboard. Select **Submit**, then press **OK**.
4. Use the navigation buttons ▲▼◀▶ to type your Picasa account password in the on-screen keyboard. Select **Submit**, then press **OK**.
5. Press ▲/▼ to select a save option. Press **OK** when finished.

   Options include:

   - **No** – Your account details are not saved. You need to repeat the initial sign-in process every time you access Picasa using the media player.
   - **Save username only** – Your username is saved, but you will be prompted to input your password every time you access Picasa using the media player.
   - **Yes** – Both your user name and password are saved. You can later sign in to your account from the Picasa Account screen.
6. The **My Photos** page appears. Go to the next section for more information on this page.

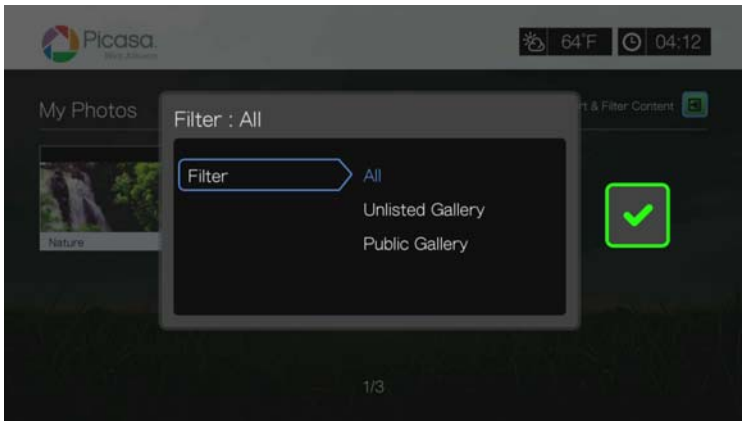
Account

By default, the **My Photos** page displays first when you sign in to your account. This page contains the photos and videos you have uploaded to Picasa.



Note: If you have not uploaded any photos or videos, the screen displays "there is no media in the current folder."

You can sort and filter content on this page by showing all content (**All**) or your **Unlisted Gallery** or **Public Gallery**. Press A or navigate to , and press **OK**, then press ▲/▼ and **OK** twice to switch that selection.



Searching for Content

You can search Picasa for photos and videos of particular interest to you. The search results are based on the following:

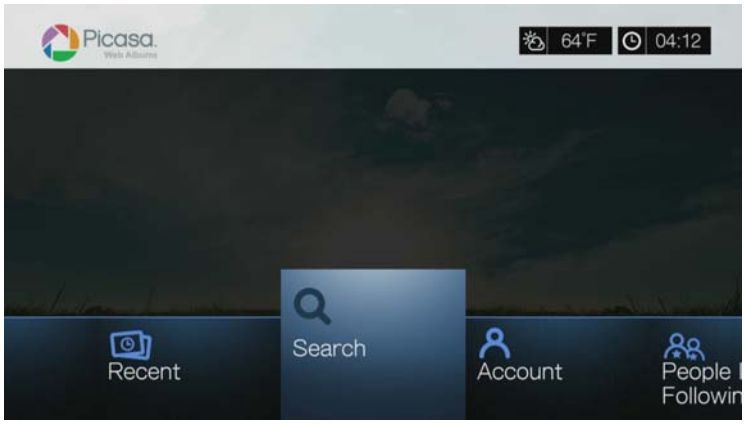
- Filenames
- Captions
- Tags
- Folder or album names
- Camera maker
- Date (i.e., 'November' or '2011')

The media player saves your searches so you can quickly recall them.

Note: Content with visibility set to “private” by users do not appear in search results.

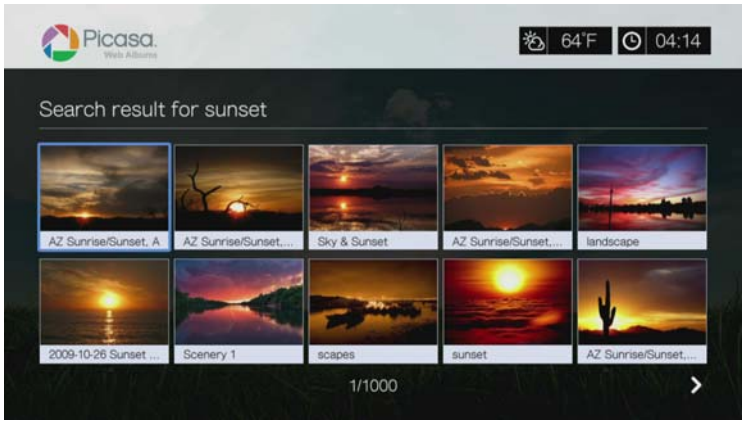
To search for content:

1. Press ◀/▶ to select **Search** in the Picasa home screen, then press **OK**.



2. Use the navigation buttons ▲▼◀▶ to type a keyword related to the subject matter of the content you’re looking for using the on-screen keyboard. Select **Submit**, then press **OK**.

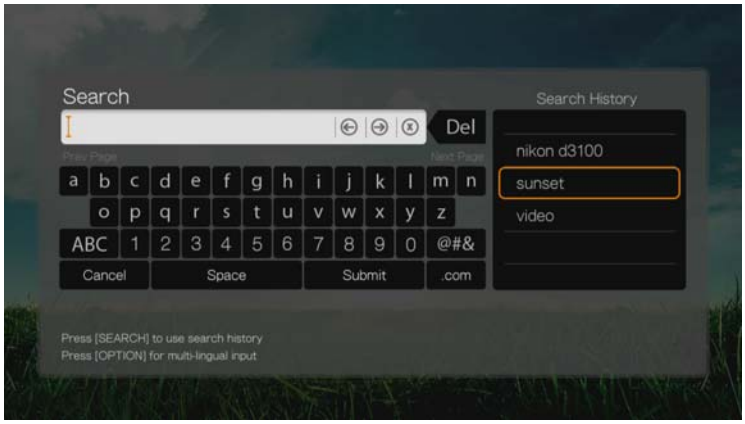
The content search begins (this may take a few seconds). Content matching your search word appears in a Search result screen.



3. Use the navigation buttons to select a photo or video from the display.
4. Press ⏯ or **OK** to view the selected photo or start watching the selected video.

To use search history:

1. Press the **SEARCH** 🔍 button on the remote control. This toggles you to the Search History list.


Search
Del
Search History
nikon d3100
sunset
video
a b c d e f g h i j k l m n
o p q r s t u v w x y z
ABC 1 2 3 4 5 6 7 8 9 0 @#&
Cancel
Space
Submit
.com
Press [SEARCH] to use search history
Press [OPTION] for multi-lingual input

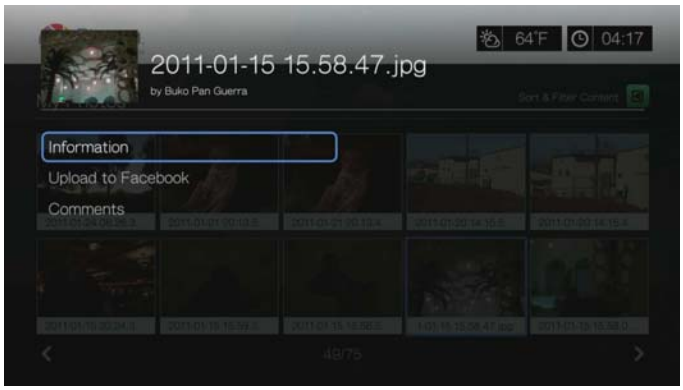
2. Press ▲/▼ to select a search from the display.
3. Press **OK** to perform the saved search.

My Photos

My Photos contains all images and videos in your Picasa Web Albums. To view images or videos, use the navigation buttons to select a web album, then press **OK**. Select an individual file and press **OK** to view, or press ⏯ to view a slideshow of all the photos in an album.

Photo Menu Options

With a photo thumbnail in a web album selected, press **Options**. The My Photos menu options display. Press **Back** when complete to return to the web album menu.



Information

Use this option to display the following information about the current picture:

- Date
- Camera make and model
- ISO, exposure, and aperature settings
- Focal length
- Flash info

Upload to Facebook

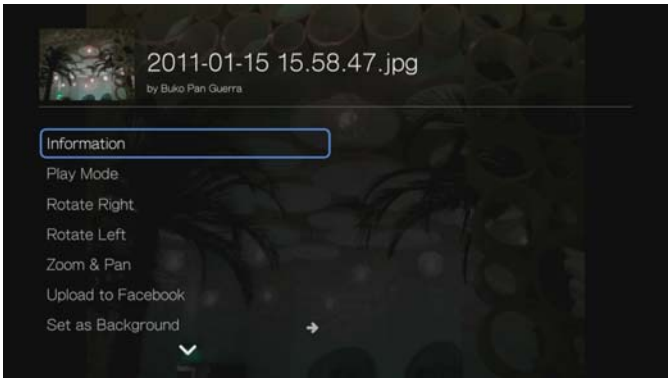
The Picasa upload to Facebook function is the same as the Videos upload to Facebook function. See “Upload to Facebook” on page 64.

Comments

Use this option to make or view comments on the selected photo. Use the navigation buttons to select **Hide Comments** or **Write a Comment...** using the onscreen keyboard, then press **OK**.

Photo Display Options

- To display the photo options while viewing a photo, press **Options**.
- To return to the photo you were viewing, press **Back** or **Options** again.



Information

See “Information” on page 140.

Play Mode

See “Play Mode” on page 86.

Rotate Left & Right

See “Rotate Left & Right” on page 86.

Selecting Photo Zoom and Pan Options

See “Selecting Video Zoom and Pan Options” on page 69.

Upload to Facebook

See “Upload to Facebook” on page 64.

Set As Background

See “Set as Background” on page 85.

Comments

See “Comments” on page 140.

Download Photo

Use this menu to download a photo to the media player’s internal drive or to another network attached device.

Displaying Photo Thumbnails

See “Displaying Photo Thumbnails” on page 87.

Photo Slideshow

See “Photo Slideshow” on page 88.

Video Player

The Picasa video layer layout is similar to the regular video playback screen. It displays the playback status bar and the elapsed and total playback times. Press ⏯ to pause and resume playback.

People I'm Following

People I'm Following contains thumbnails showing icons for the people you are following on Picasa. Select an icon to view each person's Public Gallery Albums. Use the navigation buttons to select individual photos or press ⏯ inside an album to begin a photo slideshow.

Featured

This screen contains select Picasa user photos. Use the navigation buttons to select individual photos or press ⏯ to begin a photo slideshow. When viewing a photo, press **Options** then select **More Photos From This Owner** to view all of the owner's Public Gallery Albums.

Recent

This screen contains recent Picasa user photos, and works the same as way as Featured above.

Deleting a Picasa Account

1. On the Picasa main screen, press ◀ / ▶ to select **Account**, then press **OK**.
2. Press ▲ / ▼ to select **Delete Account**, then press **OK**.
3. Press ▲ / ▼ to select the account you want to delete, then press **OK**.
4. Press ◀ / ▶ to select **OK** on the confirmation prompt, then press **OK**.

SHOUTcast Radio

SHOUTcast Radio is the ultimate directory of online radio stations featuring over 45,000 music, talk, sports, and community radio stations from around the world.

To access SHOUTcast:

1. Navigate to the Home | Services menu and press **OK**.
2. The list of Internet services display in alphabetical order. Press ◀ / ▶ to select SHOUTcast Radio , then press **OK**.

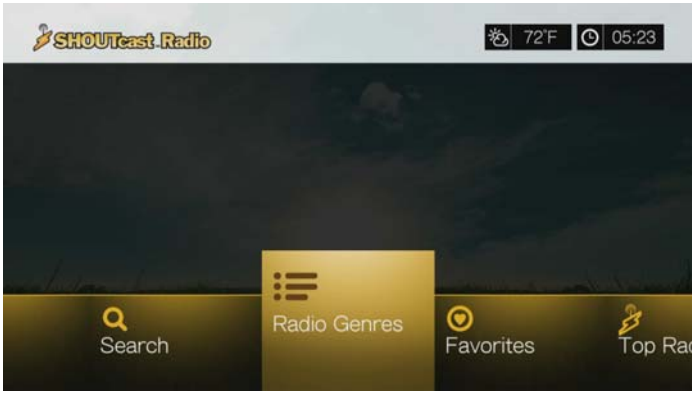
   Options include:

   - Search
   - Radio Genres
   - Favorites
   - Top Radios
   - About
   - Exit

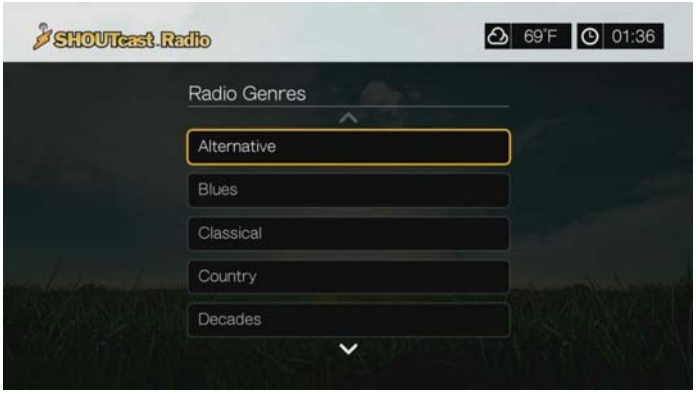
Listening to a SHOUTcast Radio Station

To browse for a radio station:

1. On the SHOUTcast Radio main screen, press ◀ / ▶ to select **Radio Genres**, then press **OK**.

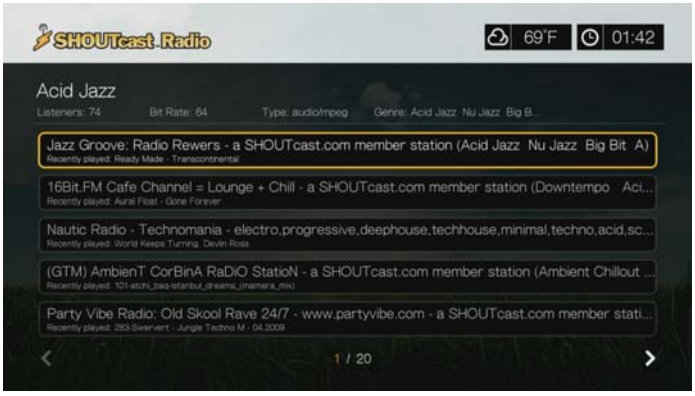


2. Press ▲ / ▼ to select from a variety of genres, then press **OK**. .



3. Press ▲ / ▼ to select from a variety of subgenres (if necessary), then press **OK**.

4. Press ▲/▼ to select a radio station.

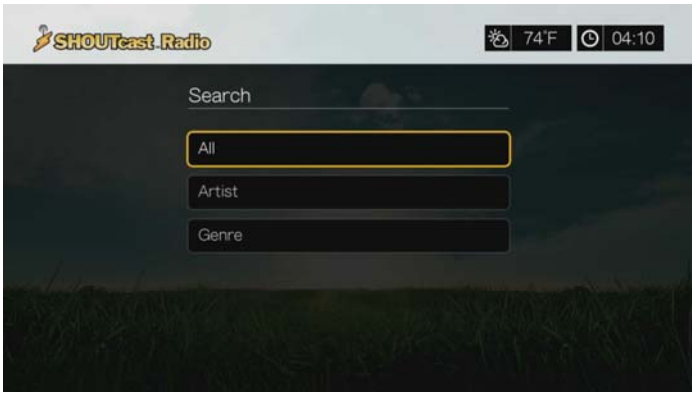

SHOUTcast Radio
69°F
01:42
Acid Jazz
Jazz Groove: Radio Rewers - a SHOUTcast.com member station (Acid Jazz Nu Jazz Big Bit A)
16Bit.FM Cafe Channel = Lounge + Chill - a SHOUTcast.com member station (Downtempo Aci...
Nautic Radio - Technomania - electro,progressive,deephouse,techhouse,minimal,techno,acid,sc...
(GTM) AmbienT CorBinA RaDiO StatioN - a SHOUTcast.com member station (Ambient Chillout ...
Party Vibe Radio: Old Skool Rave 24/7 - www.partyvibe.com - a SHOUTcast.com member stati...
1 / 20

5. Press **Options**, then press ▲/▼ to select **Add to Favorite** if you want to add the station to Favorites. Press **OK**.
6. Press ⏯ or **OK** to start listening to the selected radio station. You can view information about the currently playing station and song such as title, artist, genre, number of listeners, etc. at the top of the screen.

Searching for a SHOUTcast Radio Station

To search for a SHOUTcast Radio station:

1. On the SHOUTcast Radio main screen, press ◀/▶ to select **Search**, then press **OK**.
2. Filter your results by selecting **All**, **Artist**, or **Genre**, then press **OK**.



3. On the on-screen keyboard, use the navigation buttons ▲▼◀▶ to key in a search keyword, then press **OK**.

Note: You can also press 🎤 on the remote control to toggle to the results list after entering several characters in the search field.

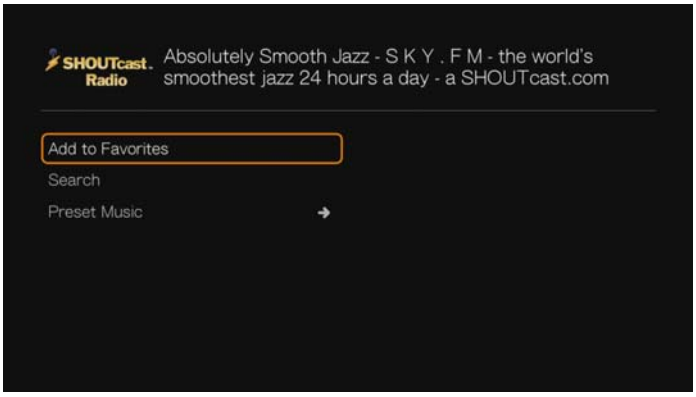
4. Press ▲/▼ to select a station from the search result.
5. Press ⏯ or **OK** to start listening to the selected radio station.

Adding a Station to Your Favorites List

If you like a particular station, you can add it to Favorites for easier access in the future.

To add to a station, program, or podcast to your favorites:

1. Go to the station list showing the station you want to add.
2. Press ▲/▼ to select the station you want to add or begin playing a station.
3. Press **Options**, then press ▲/▼ to select **Add to Favorites** if you want to add the station to Favorites, then press **OK**.


SHOUTcast Radio
Absolutely Smooth Jazz - S K Y . F M - the world's smoothest jazz 24 hours a day - a SHOUTcast.com
Add to Favorites
Search
Preset Music

4. Press **OK** again to confirm.

Listening to a Station in Your Favorites List

To listen to a favorite station:

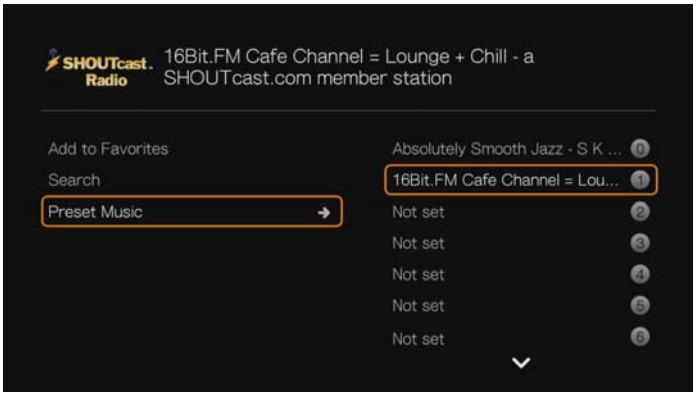
1. On the SHOUTcast Radio main screen, press ◀/▶ to select **Favorites**, then press **OK**.
2. Press ▲/▼ to select a station from the list.
3. Press ❚❚▶ or **OK** to start listening to the selected radio station.

Assigning a Preset Button to a Station

You can assign a numbered button on the remote control to a SHOUTcast Radio station for quick access.

To assign a preset button to a station:

1. Go to the station list showing the station you want to add.
2. Press ▲/▼ to select the station you want to add or begin playing a station.
3. Press **Options**, then press ▲/▼ to select **Preset Music**. Press ▶.


SHOUTcast Radio
16Bit.FM Cafe Channel = Lounge + Chill - a SHOUTcast.com member station
Add to Favorites
Search
Preset Music
Absolutely Smooth Jazz - S K ... 0
16Bit.FM Cafe Channel = Lou... 1
Not set 2
Not set 3
Not set 4
Not set 5
Not set 6

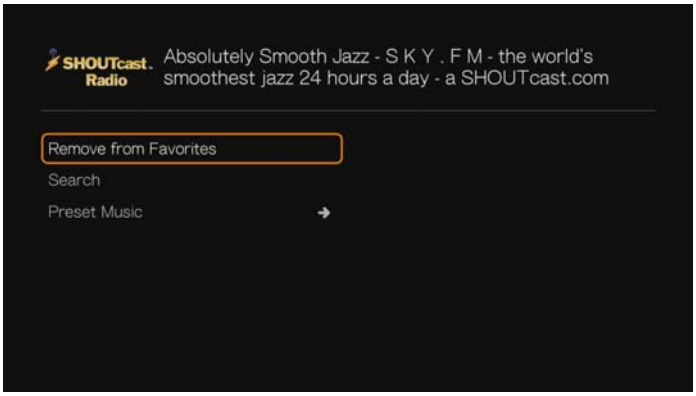
4. Press ▲/▼ to select a numbered remote button, then press **OK**.

Removing a Station from Your Preset List

You can remove stations you no longer want from your preset list.

To remove a station from your preset list:

1. On the SHOUTcast Radio main screen, press ◀/▶ to select **Favorites**, then press **OK**.
2. Press ▲/▼ to select the station you want to remove.
3. Press **Options**, then press ▲/▼ to select **Remove from Favorites**, then press **OK**.


SHOUTcast Radio
Absolutely Smooth Jazz - S K Y . F M - the world's smoothest jazz 24 hours a day - a SHOUTcast.com
Remove from Favorites
Search
Preset Music

4. A confirmation prompt appears. Select **OK**, then press **OK**.

Top Radios

To choose from among the most popular SHOUTcast Radio stations, press ◀/▶ to select **Top Radios** in the SHOUTcast Radio main screen, then press **OK**.

About

For more information about the SHOUTcast Radio service such as terms of service, press ◀/▶ to select **About** in the SHOUTcast Radio main screen, then press **OK**.

Exit

To simply exit out of SHOUTcast Radio, press ◀/▶ to select **Exit** in the SHOUTcast Radio main screen, then press **OK**.

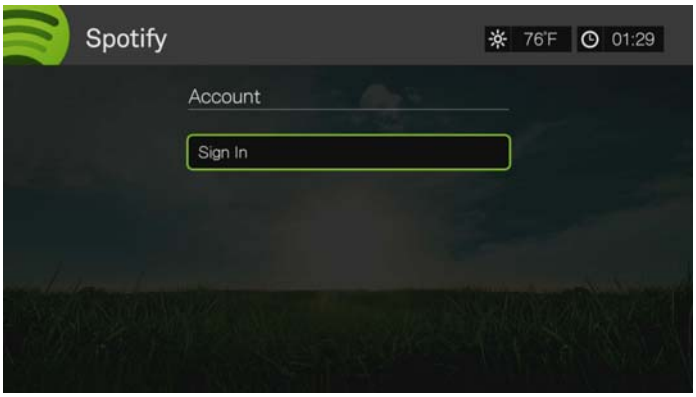
Spotify

Enjoy on-demand access to over 15 million tracks and albums. Any artist, any album, any genre - available instantly on your media player.* Spotify is available in: USA, UK, Sweden, Finland, Norway, France, The Netherlands, and Spain. To use the service, create a Spotify account at *www.spotify.com*.

*Spotify Premium account required.

To access Spotify:

1. Navigate to the Home | Services menu and press **OK**.
2. The list of Internet services display in alphabetical order. Press ◀ / ▶ to select Spotify, then press **OK**.
3. The terms and conditions disclaimer displays. Select **Accept** then press **OK**.
4. Press **OK** to sign in to Spotify



5. Use the navigation buttons ▲▼◀▶ to type in your Spotify user name using the on-screen keyboard, then press **OK**.
6. Use the navigation buttons ▲▼◀▶ to type in your Spotify account password using the on-screen keyboard, then press **OK**.
7. Press **OK** to complete the sign-in process.
8. The Spotify main screen displays. Options include:
   - What's New
   - Toplist
   - Playlist
   - Starred
   - Inbox
   - People
   - Search
   - Account

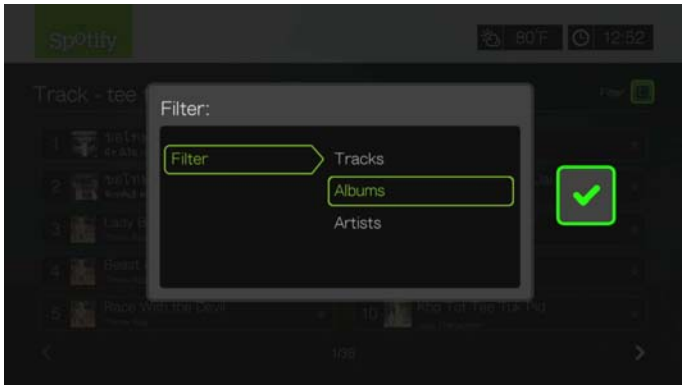
Searching for a Spotify Artist, Album, or Track

To search for a Spotify artist, album, or track:

1. On the Spotify main screen, press ◀ / ▶ to select **Search**, then press **OK**.
2. On the on-screen keyboard, use the navigation buttons ▲▼◀▶ to key in a search keyword, then press **OK**.
3. Press ▲ / ▼ to select a track from the search result.
4. Press ❚❚ ▶ or **OK** to start listening to the selected track.

Filtering Search Results

1. Press A or navigate to the sort and filter content icon , and press **OK**.
2. Press ▶, then ▲ / ▼ to select Filter by All, Tracks, Albums, and Artists. Press **OK** to display results by the criteria selected.



3. With the green check mark selected, press **OK** again.

Browse Album Artist

You can view available albums from an artist whose track you've selected.

To browse an artist's albums:

1. With an artist's track selected, press **Options**.
2. Press ▲ / ▼ to select **Browse Artist Album**, then press **OK**.

3. A list of the artist's albums available on Spotify display.

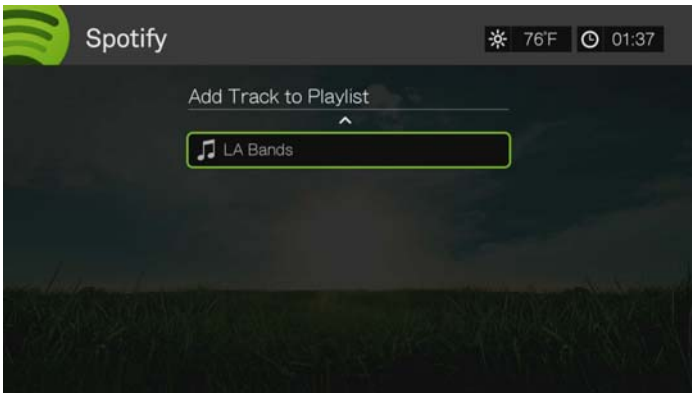
Adding a Track to a Playlist

If you like a particular track, you can add it to a playlist for easier access in the future.

To add a track to a playlist:

1. Go to the track list showing the track you want to add.
2. Press ▲/▼ to select the track you want to add or begin playing a track.
3. Press **Options**, then press ▲/▼ to select **Add to Track to Playlist**, then press **OK**.

4. If you want to create a new playlist for the track, select **Create New Playlist**, then press **OK**.
5. On the on-screen keyboard, use the navigation buttons ▲▼◀▶ to key in a new playlist name, then press **OK**.
6. Press ▲/▼ to select a playlist name the list.



7. Press **OK**. You can delete the playlist by pressing **Options** with the playlist selected, then select **Delete**.

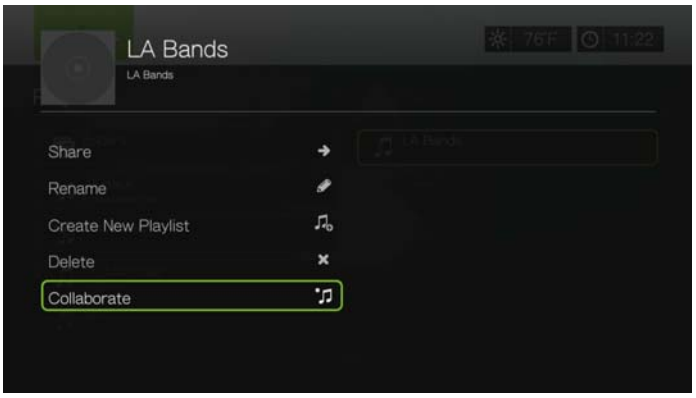
Collaborate on a Playlist

You can set a playlist you've created to **Collaborate** so that your friends can add tracks to it.

To set a playlist to Collaborate:

1. In the Spotify main screen, press ◀/▶ to select **Playlists**, then press **OK**.
2. With a playlist selected, press **Options**.

3. Select **Collaborate**, then press **OK**.



4. The playlist is now set to Collaborate, and the playlist appears with a dot next to it. You can reverse this setting by pressing **Options** with the playlist selected, then select **Uncollaborate**.

Share

You can share a track or playlist with the friends you have added to your Spotify account, or to Facebook.

1. With the track or playlist you want to share selected, press **Options**, then press ▲/▼ to select **Share**, then press **OK**.
2. Press ▲/▼ to select **Share to Friend** or **Share to Facebook**, then press **OK**.

3. Select a friend from your list then press **OK**, or log in to Facebook (if necessary).

Star

You can “star” a track for quick access in the future via the Starred menu on the Spotify home screen.

1. With the track you want to star selected, press **Options**, then press ▲/▼ to select **Star**, then press **OK**.

2. In the Spotify home screen, press ◀/▶ to select **Starred**, then press **OK**. Your starred tracks display.

People

On the Spotify main screen, press ◀/▶ to select **People**, then press **OK** to see a list of the friends you've added to your Spotify account. Select a friend then press **OK** to view and play their published playlists.

Inbox

On the Spotify main screen, press ◀/▶ to select **Inbox**, then press **OK** to see a list of songs your friends have sent to your Spotify account. Each friend's name appears next to the song. If a message icon appears next to a friend's name, select the song and press **Options**. Press ▲/▼ to select **View Message From Your Friend**, then press **OK**.

What's New and Top Lists

1. On the Spotify main screen, press ◀/▶ to select **What's New** or **Toplists**, then press **OK**.
2. Press ▲/▼ to select a new or most listened to artist album.
3. Press ⏯ or **OK** to start listening to the selected album.

Delete Spotify Account

To delete a Spotify account:

1. On the Spotify main screen, press ◀ / ▶ to select **Account**, and press **OK**.
2. Select the Spotify account you wish to delete, then press ▶ to select the **x** and press **OK**.

TuneIn

The world's largest Internet radio guide with access to over 30,000 free radio stations searchable by location, genre, or format.

To access TuneIn:

1. Navigate to the Home | Services menu and press **OK**.
2. The list of Internet services display in alphabetical order. Press ◀ / ▶ to select TuneIn , then press **OK**.

   Options include:

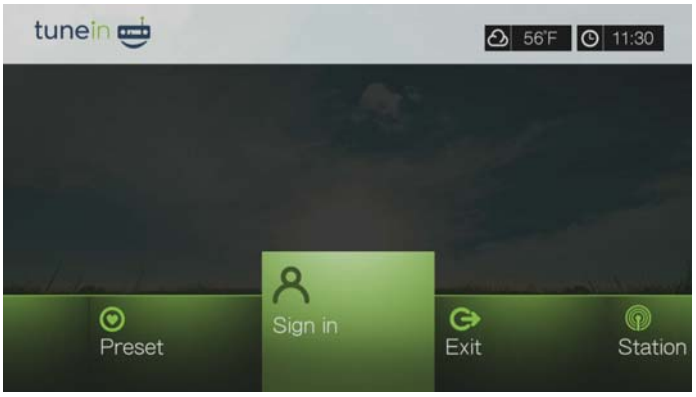
   - Station
   - Search
   - Preset
   - Sign in
   - Exit

Signing in to TuneIn (Optional)

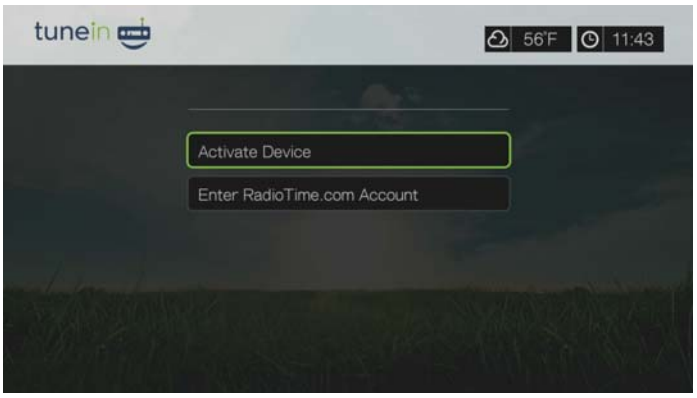
You can start listening to TuneIn stations as an unregistered user, but you need to sign up for a TuneIn account at *http://radiotime.com* to customize your radio experience by adding stations to your presets for faster access.

To sign in to TuneIn:

1. Press ◀ / ▶ to select **Sign in**, then press **OK**.



2. Select **Activate Device**, then press **OK**.



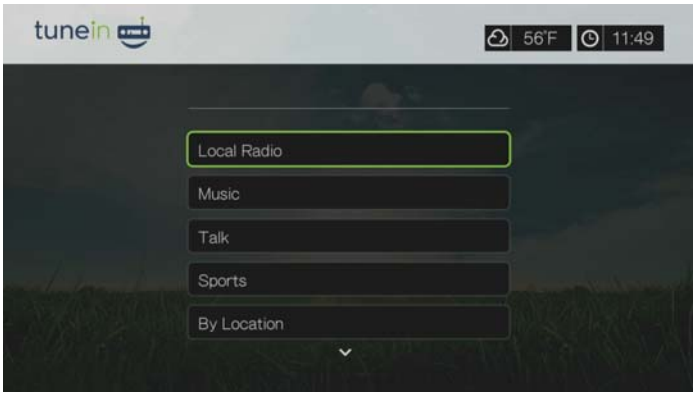
3. Write down the activation code and follow the onscreen instructions (go to *http://radiotime.com/mydevice* to associate the media player with your account). When finished, choose **Continue**, then press **OK**.
4. Select **Enter RadioTime.com account**, then press **OK**.
5. Use the navigation buttons ▲▼◀▶ to type in your TuneIn user name using the on-screen keyboard, then press **OK**.
6. Use the navigation buttons ▲▼◀▶ to type in your TuneIn account password using the on-screen keyboard, then press **OK**.
7. Press **OK** to complete the sign-in process.

Listening to a TuneIn Station, Program, or Podcast

- New TuneIn users can browse for a radio station, program, or podcast.
- Registered TuneIn users can access presets and listen to favorite stations.

To browse for a radio station, program, or podcast:

1. On the TuneIn main screen, press ◀/▶ to select **Station**, then press **OK**.



Options include:

- **Local Radio** – Listen to your local stations which display in numerical order.
- **Music** – Categorizes your local music radio stations by genre.
- **Talk** – Categorizes your local talk radio stations by type.
- **Sports** – Categorizes local and national sports broadcasts and programs by type.
- **By Location** – Find radio stations throughout the world from the lists of regions and countries.
- **By Language** – Find radio stations throughout the world from the list of languages.
- **Podcasts** – Find radio program podcasts categorized by music genre and type.

2. Press ▲/▼ to select the station, program, or podcast you want to listen to.
3. Press **Options**, then press ▲/▼ to select **Add to Preset** if you want to add the station to Presets (TuneIn account required). Press **OK**.
4. Press ⏯ or **OK** to start listening to the selected radio station.

Searching for a TuneIn Station

To search for a TuneIn station, program, or podcast:

1. On the TuneIn main screen, press ◀/▶ to select **Search**, then press **OK**.

2. On the on-screen keyboard, use the navigation buttons ▲▼◀▶ to key in a search keyword, then press **OK**.

Note: You can also press 🎤 on the remote control to toggle to the results list after entering several characters in the search field.

3. Press ▲/▼ to select a station from the search result.
4. Press ⏯ or **OK** to start listening to the selected radio station.

Adding a Station to Your Preset List

If you like a particular station, you can add it to your preset list for easier access in the future.

To add to a station, program, or podcast to your presets:

1. Go to the station list showing the station you want to add.
2. Press ▲/▼ to select the station you want to add or begin playing a station.
3. Press **Options**, then press ▲/▼ to select **Add to Preset** if you want to add the station to Preset (TuneIn account required), then press **OK**.

4. Press **OK** again to confirm.

Listening to a Station in Your Preset List

To listen to a preset station, program, or podcast:

1. On the TuneIn main screen, press ◀/▶ to select **Preset**, then press **OK**.
2. Press ▲/▼ to select a station from your preset list.
3. Press ⏯ or **OK** to start listening to the selected radio station.

Removing a Station from Your Preset List

You can remove stations you no longer want from your preset list.

To remove a station from your preset list:

1. On the TuneIn main screen, press ◀/▶ to select **Preset**, then press **OK**.
2. Press ▲/▼ to select the station you want to remove.

3. Press **Options**, then press ▲/▼ to select **Remove Preset**, then press **OK**.

4. A confirmation prompt appears. Select **OK**, then press **OK**.

Getting Station Information

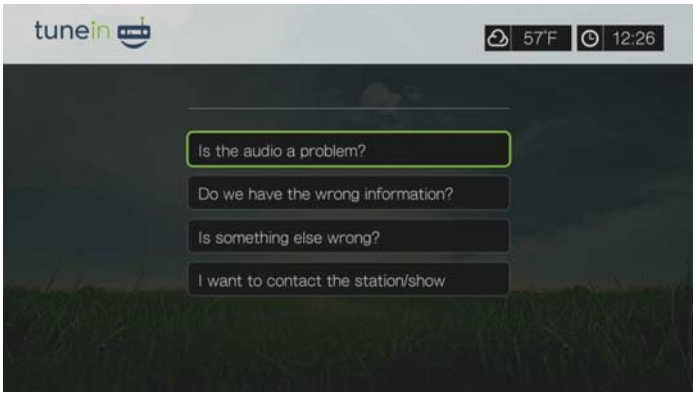
You can view information about the currently playing station and song.

1. While the station is playing or selected, press **Options**, then ▲/▼ to select **View info**. Press **OK**.
2. The information screen appears, displaying info such as genre, language, currently playing song, next song, and time. Press **OK** to return to the previous screen.

Reporting Problems

You can report a problem with the currently playing station or audio or contact the station/show using the reporting problems option.

1. While the station is playing or selected, press **Options**, then ▲/▼ to select **Report problem**. Press **OK**.
2. The reporting problems screen appears, displaying options for reporting problems such as audio, wrong information, errors, etc. After making your selection press **OK** to return to the previous screen.



Exit

To simply exit out of TuneIn and stay signed in, press ◀/▶ to select **Exit** in the TuneIn main screen, then press **OK**.

YouTube

YouTube is a video hosting website where you can upload and share videos.

To access YouTube:

1. Navigate to the Home | Services menu bar and and press **OK**.
2. The list of Internet services display in alphabetical order. Press ◀ / ▶ to select YouTube, then press **OK** to display the YouTube home screen.

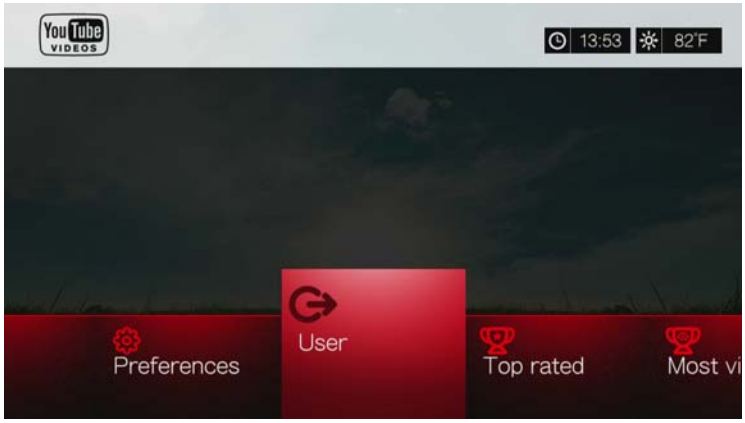
   Options include:

   - User
   - Search
   - Top Favorites
   - Featured
   - Most Popular
   - Most Viewed
   - Top Rated
   - Preferences

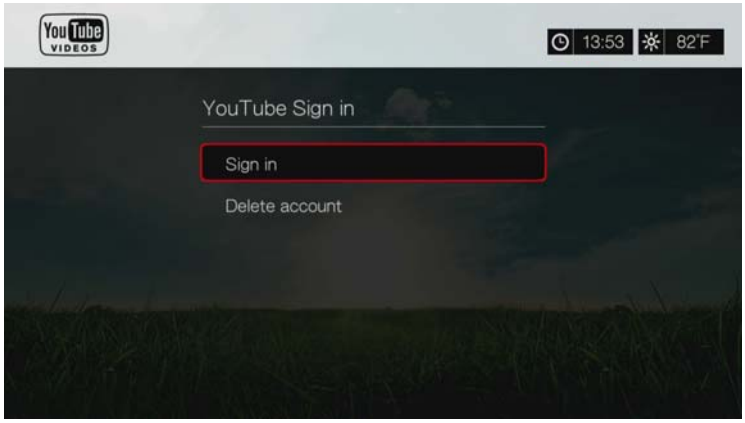
Signing In To Your YouTube Account

Note: If you do not have a YouTube account and want to create one, go to *www.youtube.com*.

1. Press ◀ / ▶ to select **User** in the YouTube home screen, then press **OK**.



2. Select **Sign in**, then press **OK**.



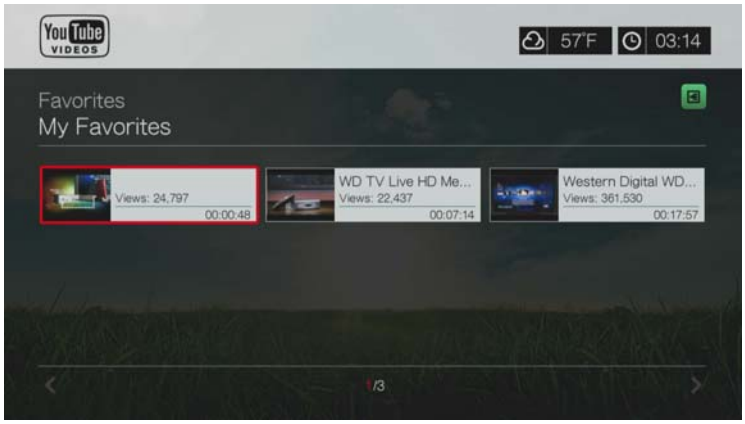
3. Use the navigation buttons ▲▼◀▶ to type your YouTube user name in the on-screen keyboard. Select **Submit**, then press **OK**.
4. Use the navigation buttons ▲▼◀▶ to type your YouTube account password in the on-screen keyboard. Select **Submit**, then press **OK**.
5. Press ▲/▼ to select a save option. Press **OK** when finished.

   Options include:

   - **No** – Your account details are not saved. You need to repeat the initial sign-in process every time you access YouTube using the media player.
   - **Save username only** – Your username is saved, but you will be prompted to input your password every time you access YouTube using the media player.
   - **Yes** – Both your user name and password are saved. You can later sign in to your account from the YouTube Login screen.
6. The **My favorites** page appears. Go to the next section for more information on this page.

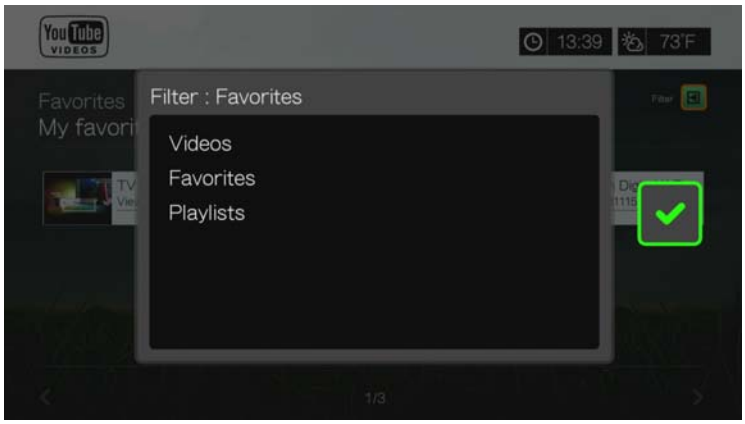
Account

By default, the **My favorites** page displays first when you sign in to your account. These are the videos you have saved as favorites in YouTube.



Note: If you have not favorited any videos, the screen displays "no content found."

This page also contains links to your uploaded videos (Videos) and video playlists (Playlists). Press A or navigate to , and press **OK**, then press ▲/▼ and **OK** twice to switch that selection.



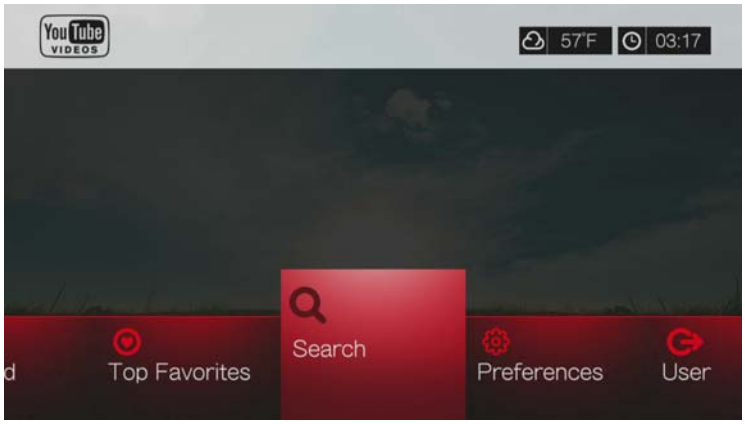
Searching for Videos

You can search YouTube for videos of particular interest to you. The search results are based on the tags associated with uploaded videos. The media player saves your searches so you can quickly recall them.

Note: Videos that are tagged "private" by users do not appear in search results.

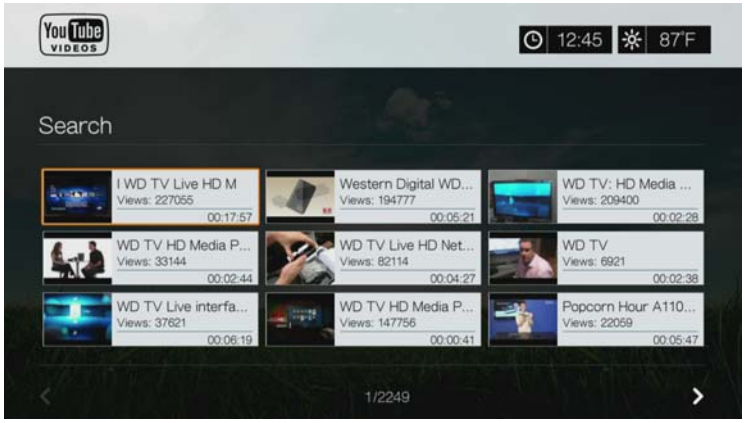
To search for videos:

1. Press ◀ / ▶ to select **Search** in the YouTube home screen, then press **OK**.



2. Use the navigation buttons ▲▼◀▶ to type a keyword related to the subject matter of the video you're looking for using the on-screen keyboard. Select **Submit**, then press **OK**.

   The video search begins (this may take a few seconds). Videos matching your search word appear in a Search result screen.

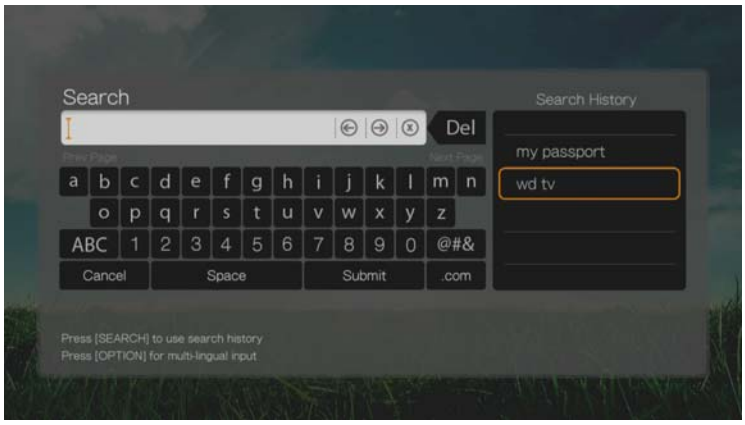


3. Use the navigation buttons to select a video from the display.
4. Press ⏯ ▶ or **OK** to start watching the selected video.

   Go to page 162 for more information on using the YouTube Player.

To use search history:

1. Press the **SEARCH** button on the remote control. This toggles you to the Search History list.


Search
Del
Search History
my passport
wd tv
a b c d e f g h i j k l m n
o p q r s t u v w x y z
ABC 1 2 3 4 5 6 7 8 9 0 @#&
Cancel
Space
Submit
.com
Press [SEARCH] to use search history
Press [OPTION] for multi-lingual input

2. Press ▲/▼ to select a search from the display.
3. Press **OK** to perform the saved search.

Top Favorites

These are videos tagged as favorites by the majority of YouTube users.

To access Top Favorites:

1. Press ◀/▶ to select **Top Favorites** in the YouTube home screen, then press **OK**.
2. The list of top favorite videos display. To refine this list, press ▲/▶ to select , and press **OK**.
3. Press ▲/▼ to choose from **Today**, **This week**, or **This month**, then press **OK**.
4. Press the navigation buttons to select a video from the display, then press ▶❚❚ or **OK** to start watching the selected video.

   Go to page 162 for more information on using the YouTube Player.

Featured Videos

This video category is primarily populated with videos from YouTube's commercial partners, but might also include select user videos that are currently popular or have been previously showcased in YouTube's Spotlight Videos section.

To access Featured Videos:

1. Press ◀/▶ to select **Featured** in the YouTube home screen, then press **OK**.
2. Press the navigation buttons to select a video from the displayed selection.
3. Press ▶❚❚ or **OK** to start watching the selected video.

   Go to page 162 for more information on using the YouTube Player.

Most Popular

These are videos deemed most popular by YouTube users.

To access Most Popular:

1. Press ◀/▶ to select **Most Popular** in the YouTube home screen, then press **OK**.
2. The list of most popular videos display. To refine this list, press ▲/▶ to select , and press **OK**.
3. Press ▲/▼ to choose from **Today**, **This week**, or **This month**, then press **OK**.
4. Press the navigation buttons to select a video from the display, then press ⏯ or **OK** to start watching the selected video.

   Go to page 162 for more information on using the YouTube Player.

Most Viewed

These are videos most viewed by YouTube users.

To access Most Viewed:

1. Press ◀/▶ to select **Most Viewed** in the YouTube home screen, then press **OK**.
2. The list of most viewed videos display. To refine this list, press ▲/▶ to select , and press **OK**.
3. Press ▲/▼ to choose from **Today**, **This week**, or **This month**, then press **OK**.
4. Press the navigation buttons to select a video from the display, then press ⏯ or **OK** to start watching the selected video.

   Go to page 162 for more information on using the YouTube Player.

Top Rated

These are videos with the highest ratings from YouTube users.

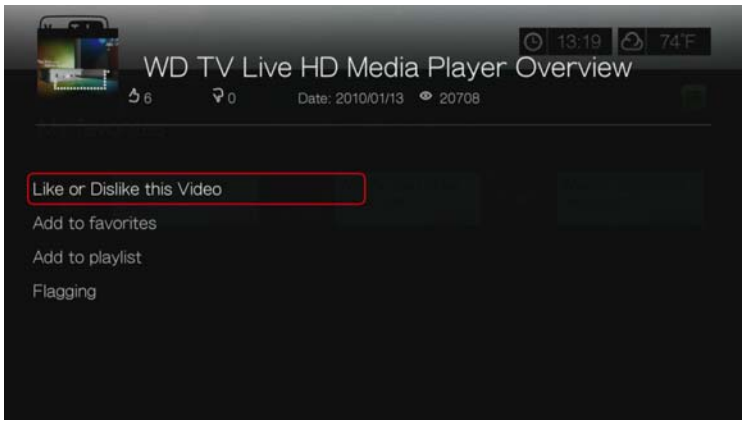
To access Top Rated:

1. Press ◀/▶ to select **Top Rated** in the YouTube home screen, then press **OK**.
2. The list of most viewed videos display. To refine this list, press ▲/▶ to select , and press **OK**.
3. Press ▲/▼ to choose from **Today**, **This week**, or **This month**, then press **OK**.
4. Press the navigation buttons to select a video from the display, then press ⏯ or **OK** to start watching the selected video.

Go to page 162 for more information on using the YouTube Player.

YouTube Options

When you select a video in any of the YouTube submenu screens described above (i.e., User > My Favorites, Search, Top Favorites, Featured Videos, Most Popular, Most Viewed, and Top Rated), pressing **Options** brings up the following screen:



- **Like or Dislike this Video** - see “Like or Dislike Videos” on page 164.
- **Add to favorites** - see “Adding Videos to Favorites” on page 164.
- **Add to playlist** - see “Adding Videos to a Playlist” on page 165.
- **Flagging** - use this option to flag a video for inappropriate content.

Preferences

Preferences allows you to choose which country’s content (videos and channels) you would like to view without changing the language of the site.

To access Preferences:

1. Press ◀/▶ to select **Preferences** in the YouTube home screen, then press **OK**.
2. **Current location** is highlighted. Press **OK**.
3. Press ▲/▼ to select a country from the list, then press **OK**.

YouTube Player

The YouTube Player layout is similar to the regular video playback screen. It displays the playback status bar and the elapsed and total playback times. Press ⏯ to pause and resume playback. Press ⏩ or ⏪ to fast forward or reverse in 10 second increments.

YouTube Player Options

As with a regular video playback screen, you can the customize the way content displays in the YouTube Player. To do this, press **Options**.

- **Like or Dislike this Video** - see “Like or Dislike Videos” on page 164.
- **Add to favorites** - see “Adding Videos to Favorites” on page 164.
- **Add to playlist** - see “Adding Videos to a Playlist” on page 165.
- **Flagging** - use this option to flag a video for inappropriate content.
- **Zoom** - To change the display’s viewing scale, press ▲/▼ and select **Zoom & Pan**, then press **OK**. Press **OK** repeatedly until the preferred viewing scale is achieved. Press **Options** or **Back** to revert to the default viewing scale.
- **Pan** - To pan the display, press ▲/▼ and select **Zoom & Pan**, then press **OK**. Press the navigation buttons ▲▼◀▶ repeatedly until the preferred panned view displays. Press **Options** or **Back** to revert to the default viewing scale.
- **Show info** - use this option to view detailed information about the video if present.

Related Videos

After video playback, the Related Videos screen appears. At the top of the screen, the video rating (number of highlighted “stars”), upload date, and the number of times it has been viewed display.

This screen lists videos which might be related to recently played video by subject matter, making it easier to search for videos based on the same or similar subject.

Press the navigation buttons to select a video from the list, then press ▮▮▶ or **OK** to start watching the selected video.

The other options on this screen allow you to:

- Replay the recently playbacked video – Play Again
- Add the video to your My Favorites list – Add to Favorites
- Flag the video as having inappropriate content - Flagging
- Provide video feedback – Like or Dislike this Video
- Add the video to your My Playlists list – Add to Playlist
- Return to the last video selection page – Back to Videos

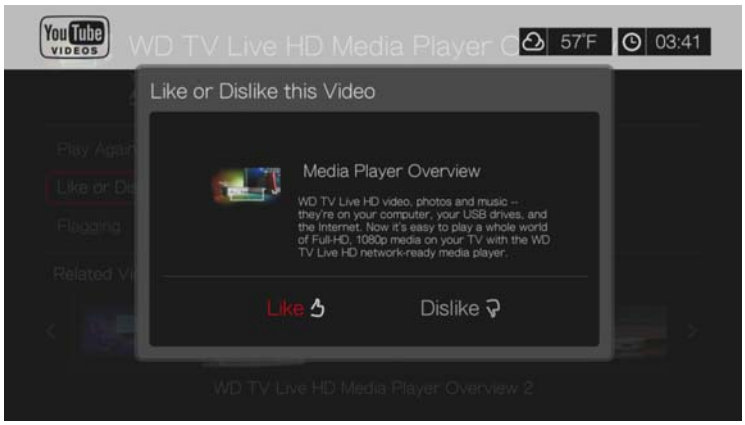
Press the navigation buttons to select an option, then press **OK**.

Like or Dislike Videos

You can rate videos on a basis of “Like” or “Dislike” during or after video playback.

Note: You must signed in to your YouTube account to like or dislike videos. See “Signing In To Your YouTube Account” on page 157 for sign-in instructions.

1. During playback, press **Options**, select **Like or Dislike this Video**, then press **OK,** or select **Like or Dislike this Video** in the Related Videos screen.
2. Press ◀/▶ to select **Like** or **Dislike**, then press **OK**.


YouTube VIDEOS
57°F
03:41
Like or Dislike this Video
Media Player Overview
WD TV Live HD video, photos and music -- they're on your computer, your USB drives, and the Internet. Now it's easy to play a whole world of Full-HD, 1080p media on your TV with the WD TV Live HD network-ready media player.
Like
Dislike

3. Your video rating is confirmed. Press **OK** to go back to the Player screen.

Adding Videos to Favorites

If you enjoyed a particular video or simply want to refer to it later, you can tag it as a “favorite” to add it to your My Favorites list. Once added, you can keep track of this video.

To add a video to My Favorites from the Related Videos screen:

1. On the Related Videos screen of the video you want to add as a favorite, press ▲/▼ to select **Add to Playlist**, then press **OK**.
2. Press **OK** at the confirmation prompt.

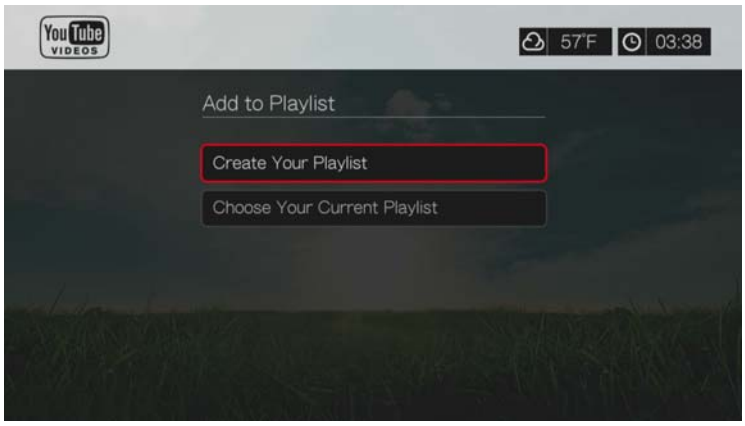
Note: You can also press **Options** when playing a video and select **Add to favorites**.

Adding Videos to a Playlist

Use this option if you enjoyed a particular video and want to add it to one of your playlists.

To add a video to My Favorites from the Related Videos screen:

1. On the Related Videos screen of the video you want to add as a favorite, press ▲/▼ to select **Add to Favorites**, then press **OK**.
2. Press ▲/▼ to select **Create your playlist** (to create a new playlist) or **Choose your current playlist**.



3. If you choose **Create your playlist**, enter the name of your new playlist using the on-screen keyboard. Select **Submit**, then press **OK**. If you choose **Choose your current playlist**, press **OK**.

Note: You can also press **Options** when playing a video and select **Add video to favorites**.

Deleting a YouTube Account

To delete a YouTube account from the media center:

1. Press ◀/▶ to select **Users** in the YouTube home screen, then press **OK**.
2. Press ▲/▼ to select **Delete account**, then press **OK**.
3. Press ▲/▼ to select the account you want to delete, then press **OK**.
4. Press ◀/▶ to select **OK** on the confirmation prompt, then press **OK**.

Restricted Video Content

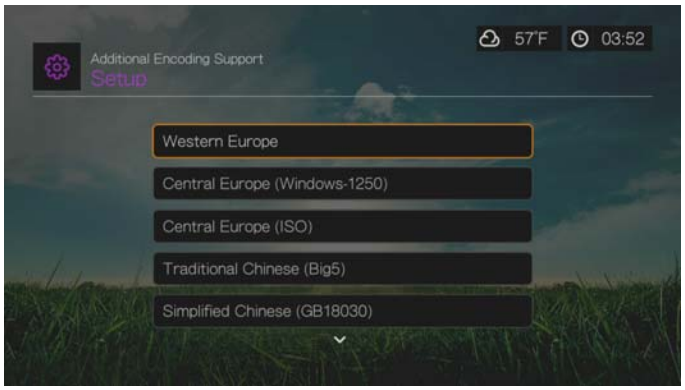
Some videos on YouTube are restricted by the content owner from playback via TV-connected devices. If you attempt to play one of these videos, press **OK** to return to the previous screen.

Encoding Support for YouTube Worldwide

Many YouTube videos are encoded in a language other than the one you set as your media player's system language. In some cases, this results in garbled characters in the video ID or even playback failure. If this is the case, you need to enable the encoding support for the language that is causing the error.

To set the media player's additional encoding setting:

1. Navigate to Home | Setup menu bar.
2. Press ▲/▼ to select **System**, then press **OK**.
3. Press ▲/▼ to select **Additional Encoding Support**, then press **OK**.
4. Press ▲/▼ to select the encoding support you require, then press **OK**.



YouTube Leanback

YouTube is a video hosting website where you can upload and share videos. Access YouTube Leanback online at *www.youtube.com/leanback*.

To access YouTube Leanback:

1. Navigate to the Home | Services menu bar and and press **OK**.
2. The list of Internet services display in alphabetical order. Press ◀/▶ to select YouTube, then press **OK** to display the YouTube home screen.
3. A default video plays. Use the navigation buttons to search (using the on-screen keyboard with your USB keyboard or remote) or browse for videos. Use the **PAUSE/PLAY**, **REW**, **FF**, **NEXT**, and **PREV** buttons for video playback.

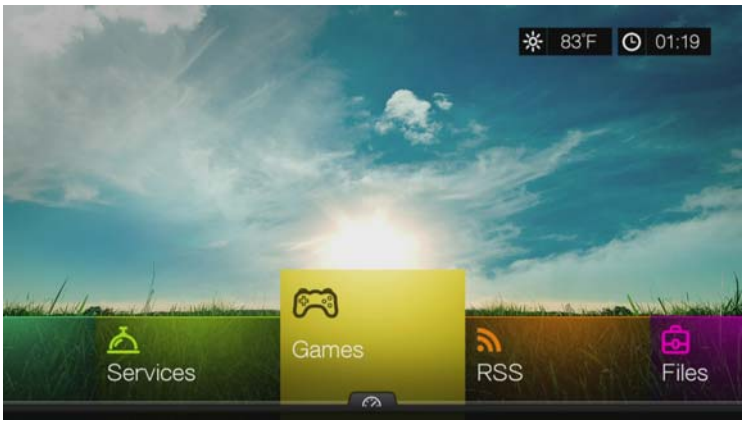
13

Games

You can access game services and use the remote control to play them using the Games menu.

Games Display

1. Navigate to the Home | Games menu, then press **OK**.



2. The screen displays all available game services. The display is in grid view. Use the navigation buttons to select a game service, then press **OK**.
3. Use the navigation buttons to select a game, then press **OK**. Select **Rules**, **Info** or **Help**, then press **OK** for further information, or select **New Game** or **Start** to begin.
4. Use the navigation buttons on the remote the play the game. Select **Exit** when finished.

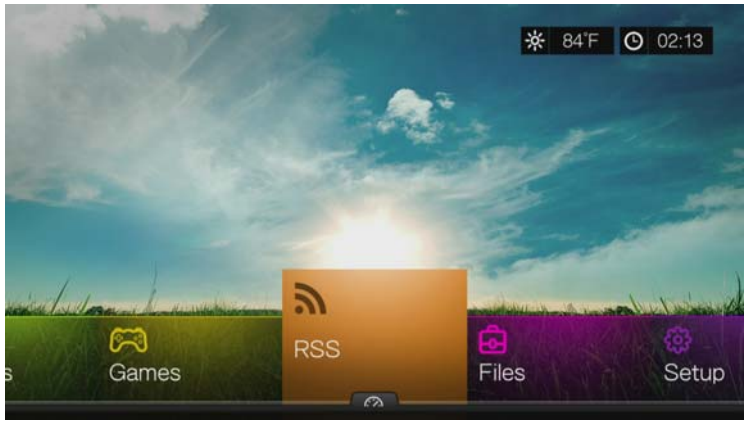
14

RSS

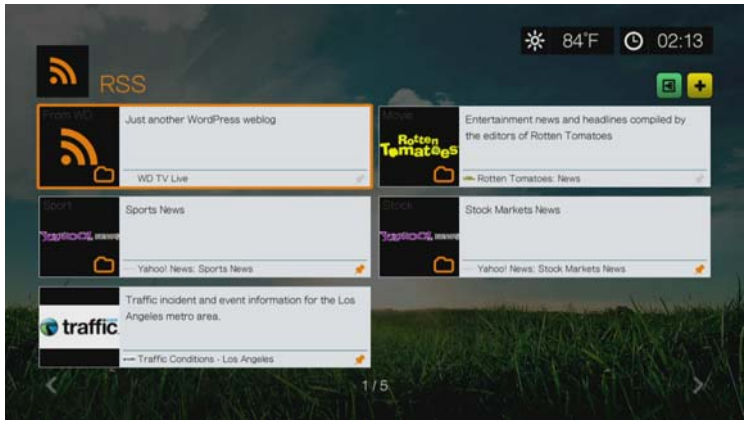
RSS (Really Simple Syndication) provides you with a list of current news items in a brief format so you can scan headlines and choose the items that interest you most without visiting websites.

Reading RSS Feeds

1. Navigate to the Home | RSS menu, then press **OK**.



2. The screen displays all available RSS feeds. The display is in grid view. Use the navigation buttons to select a headline of a RSS feed that you want to read, then press **OK**.


84°F
02:13
RSS
Just another WordPress weblog
WD TV Live
Entertainment news and headlines compiled by the editors of Rotten Tomatoes
Rotten Tomatoes: News
Sports News
Yahoo! News: Sports News
Stock Markets News
Yahoo! News: Stock Markets News
Traffic incident and event information for the Los Angeles metro area.
Traffic Conditions - Los Angeles
1 / 5

Note: You can display your RSS feeds in a streaming ticker display on the home page. See "RSS Ticker" on page 176.

Adding RSS Feeds

To add an RSS feed to the media player:

1. In the RSS main screen, navigate to the + button then press OK.
2. Enter the URL of the RSS feed using the on-screen keyboard (see the website of the RSS feed provider for details), select Submit, then press **OK**.
3. Press **OK** again to add the RSS feed.

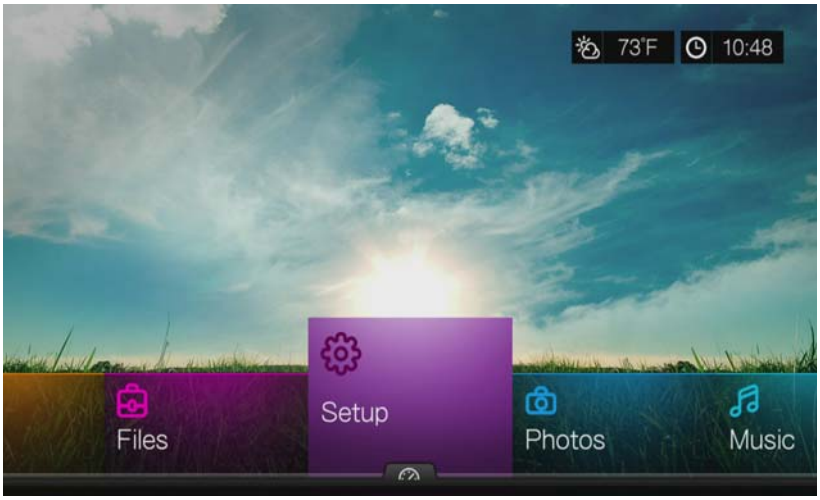
15

Setup and Advanced Features

The Setup menu lets you customize the way you use the media player and set preferences for media playback.

To select a Setup category:

1. Press **Setup**, or navigate to the Home | Setup menu and press **OK**.



2. Use the ▲▼ Up/Down arrows to select a Setup category, then press **OK**.

There are 10 Setup categories, including:

- Audio/Video Output
- Appearance
- Video settings
- Music Settings
- Photo settings
- Network settings
- Operation
- System
- About

Setup Navigation Buttons

Use these buttons on the remote control to navigate within and between the Settings screens.

Button	Function
▲▼ Up/Down arrows	• Select a menu • Select a menu setting in an option screen
OK	Displays the option screen for the selected menu
1. Press **OK**. A confirmation prompt appears. 2. Select **OK**, then press **OK**. If you fail to select **OK** within 15 seconds, the new setting will not be applied. If your entertainment unit cannot support the selected setting, no change is made and the original setting is retained.	Applies the selected menu setting
Back	Displays the previous menu screen

Audio/Video Output

Use the menus in this category to configure playback for audio and video files.

Video Output

Use this menu to select a video signal. After you finish making your selections, select **OK** at the “Are you sure you want to change the video resolution?” prompt, then press **OK**.

Composite

When using the standard RCA A/V cable (yellow, red, and white connectors) to connect the media player, select **Composite** in the Video output screen.

You will be prompted to select the TV standard applicable to your device. This setting depends on your regional location.

Options include:

- **NTSC** – United States, Canada, Japan, Mexico, the Philippines, South Korea, and Taiwan.
- **PAL** – Europe, Greenland, parts of Africa and South America, the Mideast, China, India, Australia, and Indonesia

Select a regional TV standard then press **OK**.

HDMI

When using an HDMI cable (if your TV supports HDMI resolution), select **HDMI** in the Video output screen.

You will be prompted to select the applicable HDMI video resolution (set to Auto, or from 480p to 1080p). Select display resolution then press **OK**.

Note: The further down the list the setting, the higher the resolution and clearer the picture.

After setting resolution, you are prompted to select color space (set to Auto, or RGB High, RGB Low, or YCbCr). Select color space then press **OK**.

Aspect Ratio

Use this menu to select the way videos are displayed. Options include:

- **Normal** (4:3)
- **Widescreen** (16:9)

The media player's default setting is **Widescreen**. Make sure your TV can support widescreen resolution, or this default setting can result in a distorted video display.

Audio Output

Use this menu to select the audio output mode.

Options include:

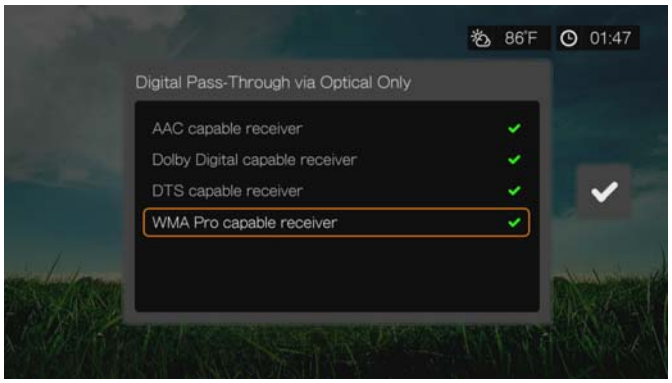
Stereo (Analog, S/PDIF, HDMI)

This is the default setting that decodes all audio streams into 2-channel output via analog (RCA connectors), S/PDIF (optical connector), or HDMI. Recommended if you are using a 2- or 4-speaker entertainment unit.

Digital Pass Through via Optical Only (S/PDIF)

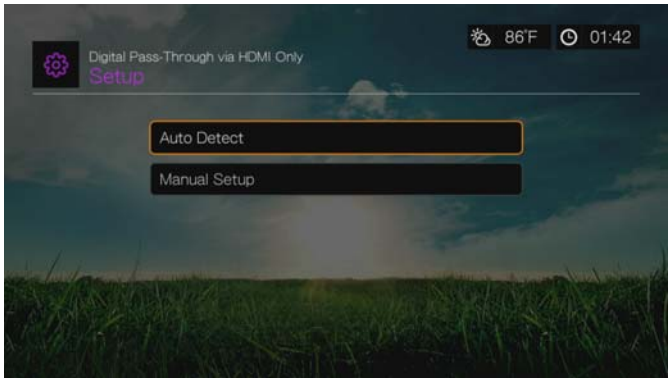
Select this option if you are using HDMI for video and a S/PDIF (optical) connection to output multichannel surround sound to a receiver and do not want audio output from HDMI. After selecting **Digital Pass Through via Optical Only**, select one or more of the following options that describe your receiver, then press **OK** after each selection. Press ▶ then, with the ☑ selected, press **OK** again.

- AAC capable receiver
- Dolby Digital capable receiver
- DTS capable receiver
- WMA Pro capable receiver



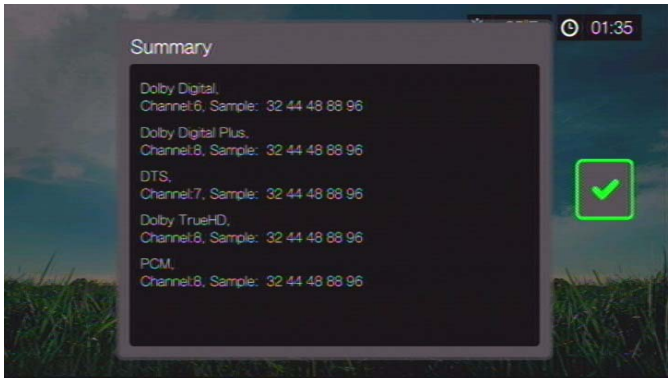
Digital Pass Through via HDMI Only (HDMI)

Select this option if you are only using an HDMI connection to output multichannel surround sound to a receiver. After selecting **Digital Pass Through via HDMI Only**, select **Auto Detect** to have the media player detect receiver settings automatically. Or, select **Manual Setup**.



Auto Detect

If you select Auto Detect a summary of your auto detect settings display.

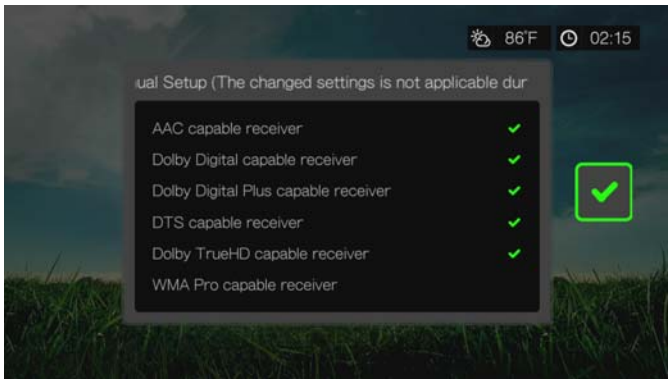


Press ▶ then, with the ☑ selected, press **OK** again.

Manual Setup

If you select **Manual Setup**, select one or more of the following options that describe your receiver, then press **OK** after each selection. Press ▶ then, with the ☑ selected, press **OK** again.

- AAC capable receiver
- Dolby Digital capable receiver
- Dolby Digital Plus capable receiver
- DTS capable receiver
- Dolby TrueHD capable receiver
- WMA Pro capable receiver

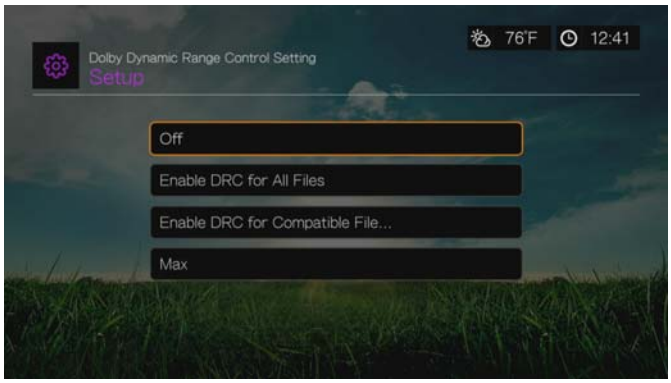


Note: Changed settings are not applicable during DVD video playback.

Dolby Dynamic Range Control (DRC) Setting

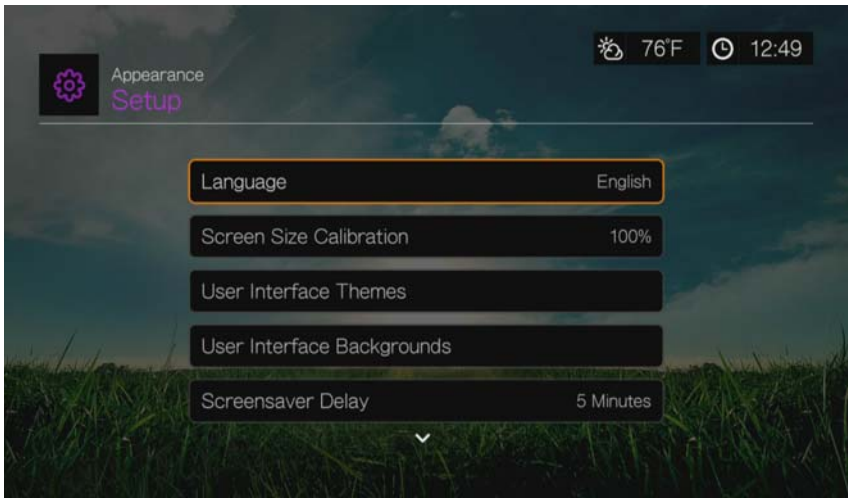
Use this menu to set the dynamic range control, which reduces or increases sound levels. This setting can be useful when, for example, you want to watch a movie without hearing wide volume swings between loud and quiet sounds. DRC thus enables reduced peak volume levels without loss of overall sound quality. Default

setting is **On**. Options are **Off**, **Enable DRC for All Files**, **Enable DRC for Compatible Files**, and **Max**.



Appearance

Use the menus in the Appearance screen to set user interface display options for the media player.



Language

Press ▲/▼ to select the display language, then press **OK**.

Video Calibration

Use this menu to correct any issues with overscan (the display is cropped in the TV screen). To correct any overscan problems, calibrate the display by reducing the display size by up to 30%. The calibration settings are in 5% increments.

Note: Video calibration only affects the user interface. It does not affect video scaling.

User Interface Themes

The media player supports interchangeable user interfaces called themes. Themes alter the player's visual appearance, but not its functionality. There are several themes available in the User Interface Themes page and available for download at *http://www.wdtvlive.com/theme*.

User Interface Backgrounds

You can use this menu to set a different photo as the system background to replace the default grass field and sunny sky photo. You can choose from the **WD Creative Masters** backgrounds or **Your Backgrounds**.

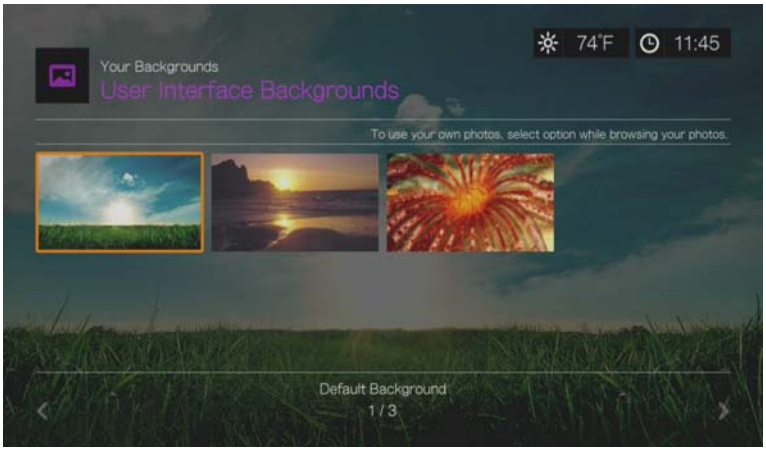
WD Creative Masters

WD Creative Masters includes themed albums of photos from leading photographers that you can use for your media player user interface background.

Select a WD Creative Masters album, then navigate to a photo and press **OK**. Press **OK** again to preview the background. You can choose to **Set as Background** or **View Bio** of the photographer, then press **OK**.

Your Backgounds

Your Backgrounds shows the default background as well as other photos you have set as the background (see “Set as Background” on page 85). Navigate to a background photo and press **OK**, then press **OK** again to **Set as Background**.



Screensaver Delay

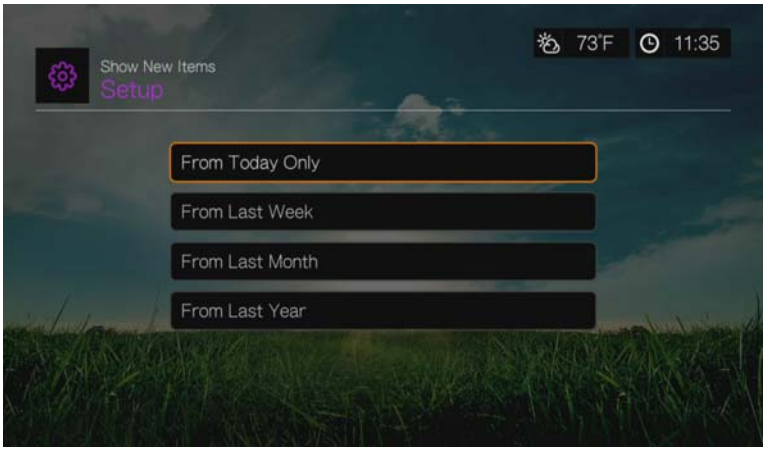
Use this menu to set the time of system inactivity before the screensaver display is enabled. The default setting is **5 minutes**.

Screensaver Style

Use this menu to choose your screensaver display style. The **WD Logo** screensaver is the default style, but you can also choose a **Random Photo Slideshow** of photos stored in the media player's internal drive or a **Folder Photo Slideshow** of photos from a single folder as your screensaver.

Show New Items

Use this menu to select a date range for the media files added to your content source(s) to be marked as "new." The number of new items displays when you select **Video**, **Music**, **Photo**, or **Files** on the home screen, or **New Items** in the dashboard.



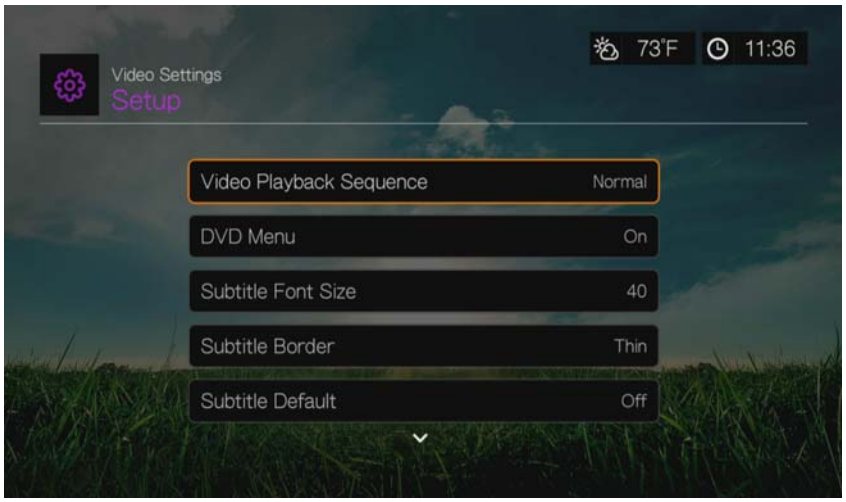
RSS Ticker

Set RSS Ticker to **Show** to stream your RSS feeds on the home page. Default setting is **Hide**.

declares mistrial in Clemens case (AP) --- Big contingents of players, owners for NFL talks (AP) --- Bjorn roars in return to site
Files
Setup
Photos
Music

Video Settings

Use the menus in the Video Settings screen to configure the display and sequence option for video files.



Video Playback Sequence

Use this menu to select the video playback mode. The default setting is **Normal**. Go to “Play Mode” on page 69 for a description of these video playback modes.

DVD Menu

Use this menu to disable the DVD menu display (set to **Off**) if your video file supports it. Default setting is **On**.

Subtitle Font Size

Use this menu to set the default font size (24 to 68 points, 40 points is default) for displaying video subtitles. Use the ▲▼ buttons to select a font size. “Subtitle font size” at the bottom of the screen reflects the font size option currently selected. Press **OK** to select a subtitle font size.

Subtitle Border

Use this menu to set the default appearance of the subtitle frame (**Thin** or **Thick**).

Subtitle Default

Use this menu to set the default appearance of the subtitles (**On** or **Off**).

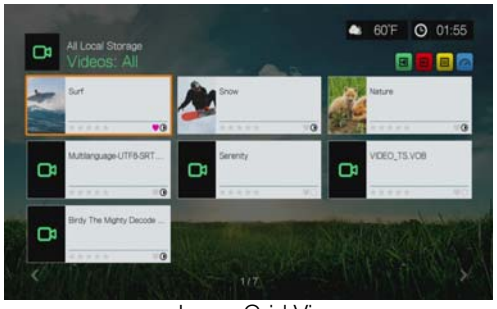
Note: The above subtitle options are only relevant to ASS/SRT/SSA subtitles, and are not available for PGS, SUB/IDX, or VOBSUB subtitles.

Browser Display

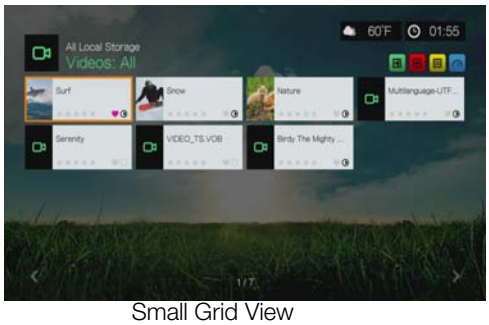
Use this menu to select the default display mode for the video browser screen. The default setting is **Preview View**. Examples of grid, list, and preview views are shown below.

List View

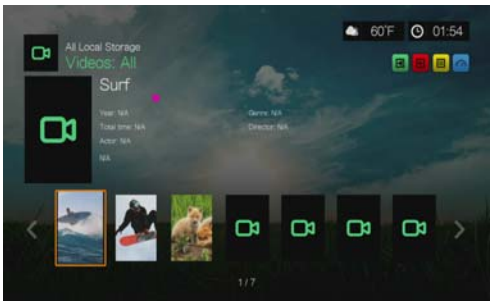
Preview View



Large Grid View



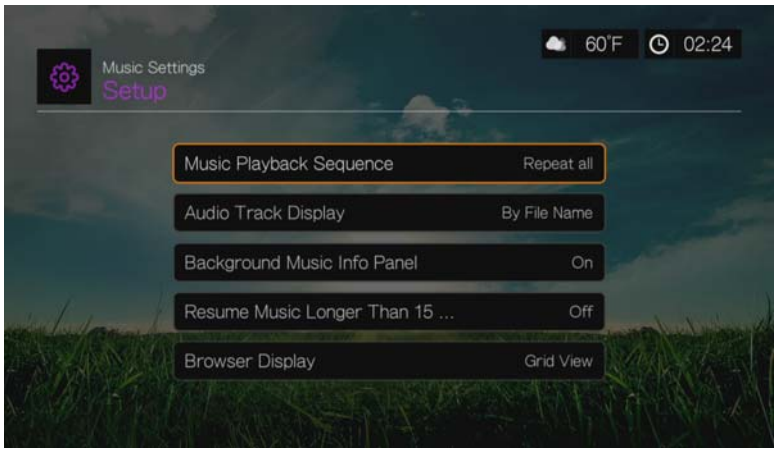
Small Grid View



Gallery View

Music Settings

Use the menus in the Music settings screen to configure the display and sequence option for audio files.



Music Playback Sequence

Use this menu to select the audio playback mode. The default setting is **Normal**. Go to “To set the music repeat mode:” on page 78 for a description of the audio playback modes.

Audio Track Display

Use this menu to select which file information to display in the audio browser screen. The default setting is **File name**.

Background Music Info Panel

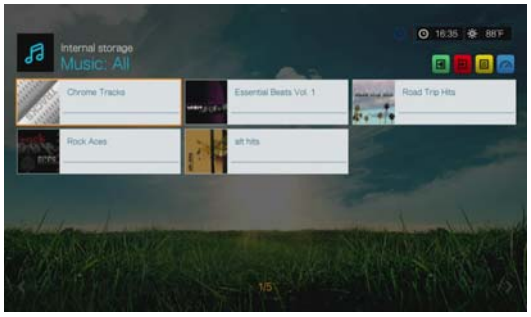
When turned **On**, a music info menu bar appears at the top of the screen when music is playing in the background.

Resume Music Longer Than 15 Min

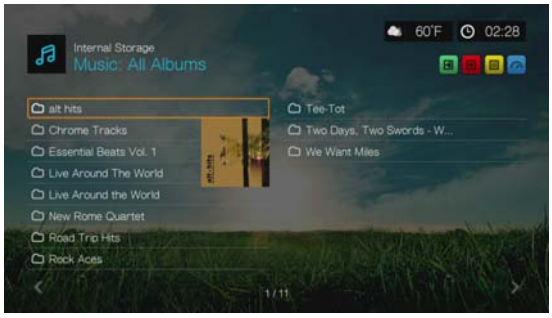
When turned **On**, will prompt you to resume or restart a music file that is 15 minutes or longer.

Browser Display

Use this menu to select the default display mode for the audio browser screen. The default setting is **Grid View**. Examples of both grid and list views are shown below.



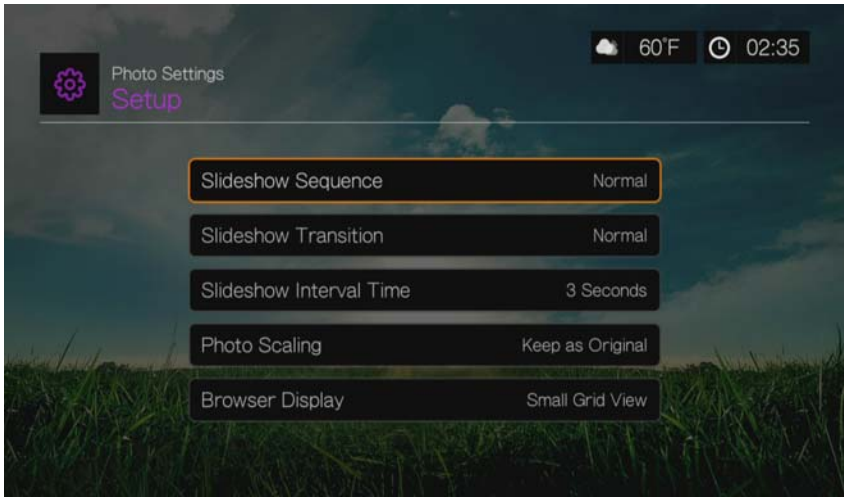
Grid View



List View

Photo Settings

Use the menus on this category to configure the display size and slideshow settings when viewing your image files.



Slideshow Sequence

Use this menu to set the slideshow sequence mode. The default setting is **Normal**.

- **Normal** – The slideshow is played once. When the last image is displayed, the previous browser screen is displayed.
- **Shuffle** – The slideshow is played in random order until you press **Stop**.
- **Repeat All** – The slideshow is played repeatedly until you press **Stop** or **Back**.
- **Repeat All and Shuffle** – The slideshow is played continuously in random order.

Slideshow Transition

Use this menu to select the method used to display the next slide in a slideshow. The default setting is **Normal**.

Slideshow Interval Time

Use this menu to set the time interval between pictures in the slideshow. You can select from 3 seconds (default) to 5 minutes.

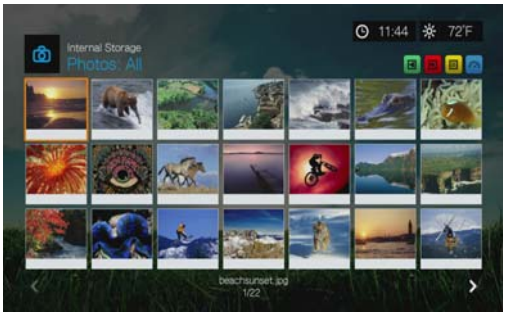
Photo Scaling

Use this menu to define how pictures are scaled when you view them. This also applies when pictures are viewed in a slideshow. Options include:

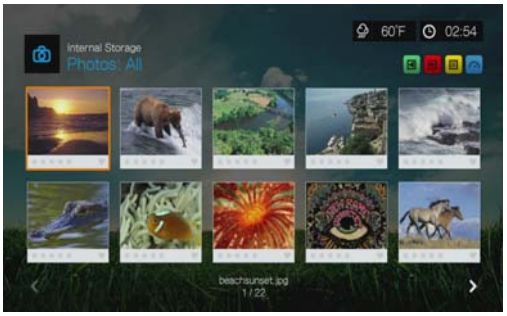
- **Keep as original** – Maintains the original resolution of the image (default).
- **Fit to screen** – Fills as much of the display area as possible while maintaining correct image proportions.
- **Display in full screen**– Fills the display area with the image (this can lead to image distortion).

Browser Display

Use this menu to select how media files are displayed in their respective folders. The default setting is **Small Grid View**. Examples of both grid and list views are shown below.



Small Grid View



Large Grid View

List View

Network Settings

Use the menus in this category to configure and view the media player's network settings after initial setup using the setup wizard. See "Network Setup" on page 21 for information and instructions regarding the initial setup wizard.

Press ▲/▼ to make a selection from the list of options, then press **OK**.

Network Setup

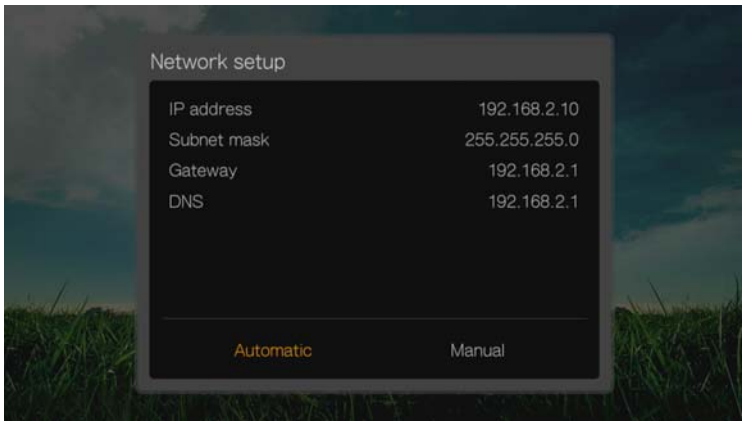
Wired

1. Navigate to the Home | Setup menu bar.
2. Press ▲/▼ to select **Network Settings**, then press **OK**.
3. Press ▲/▼ to select **Network Setup**, then press **OK**.
4. Select **Wired**, then press **OK**.
5. Select a setup configuration option, then press **OK**.

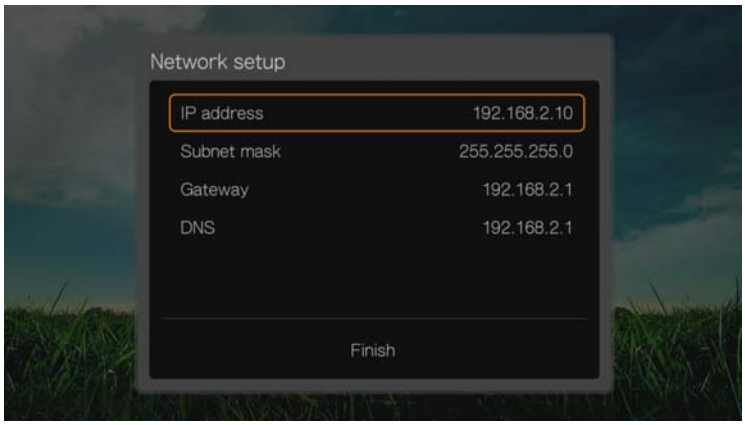
   Select **Automatic** to have the device attempt to detect your network connection automatically, then go to step 10.

   Select **Manual** to manually set your network connection. Proceed to step 6.

   Important: Manual setup is recommended for advanced users only.



6. *Manual:* Once the network is detected, the following screen appears. Press ▲/▼ to select IP address, then press **OK**.



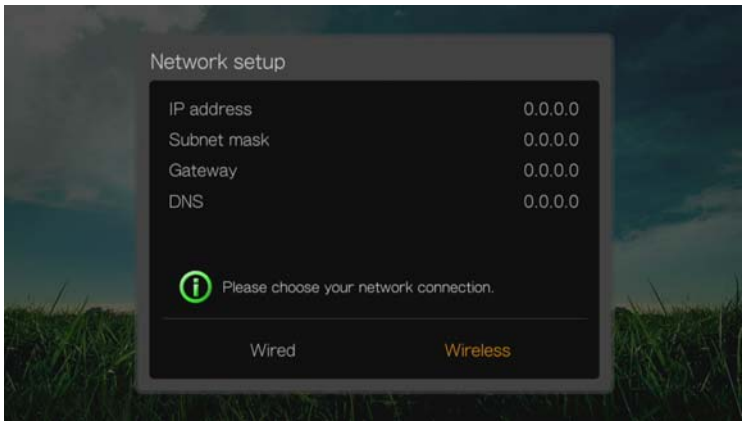
7. *Manual:* Use the navigation buttons to key in your IP address using the on-screen keyboard. Select **Submit**, then press **OK**.

8. *Manual:* Repeat the step above to key in values for the subnet mask, gateway, and DNS settings.
9. *Manual:* After entering all the configuration settings, select **Finish**, then press **OK**.
10. *Automatic and Manual:* Once the network is detected, press **OK** to display the Home screen.

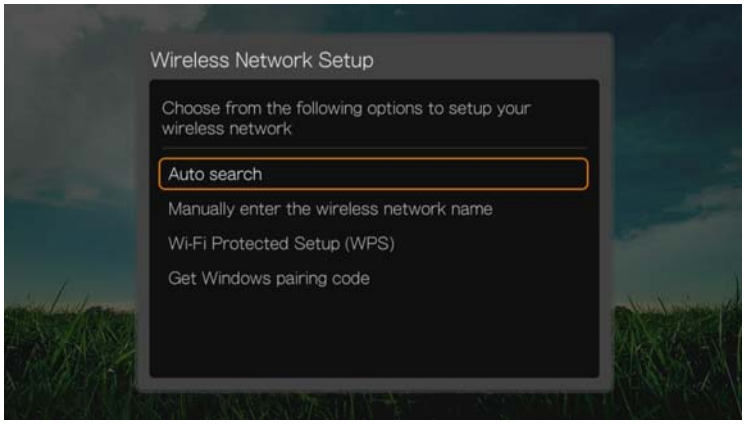
Wireless

1. Navigate to the Home | Setup menu bar.
2. Press ▲/▼ to select **Network Settings**, then press **OK**.
3. Press ▲/▼ to select **Network Setup**, then press **OK**.

4. Select **Wireless**, then press **OK**.



5. Select a wireless connection method, then press **OK**.

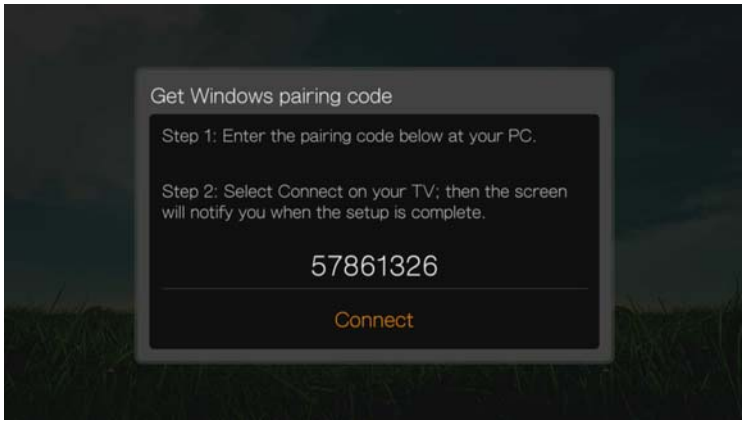

Wireless Network Setup
Choose from the following options to setup your wireless network
Auto search
Manually enter the wireless network name
Wi-Fi Protected Setup (WPS)
Get Windows pairing code

Auto search, **Manually enter the wireless network name**, and **Wi-Fi Protected Setup (WPS)** - see “Wireless Network Setup” on page 22 for further instructions.

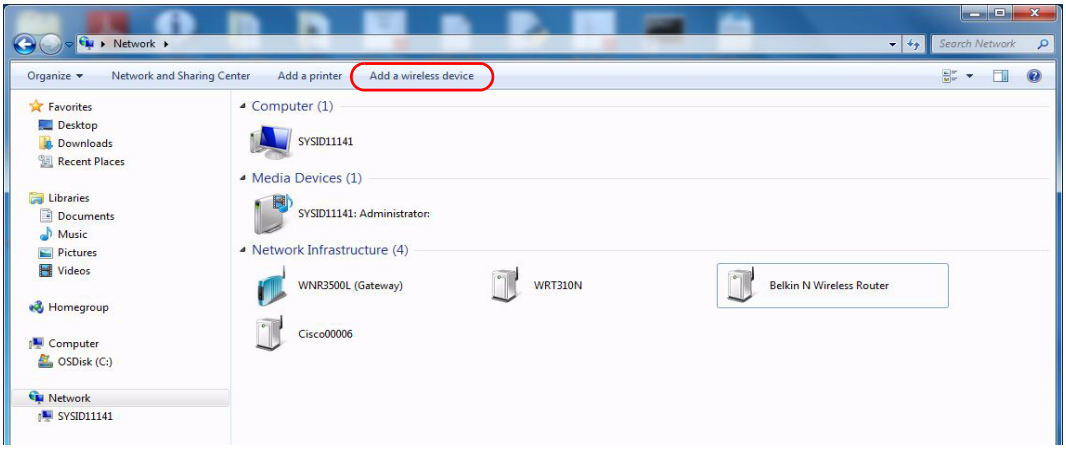
Get Windows Pairing Code (Windows 7)

You can use Windows 7 to “pair” the media player to your network as a wireless network setup option.

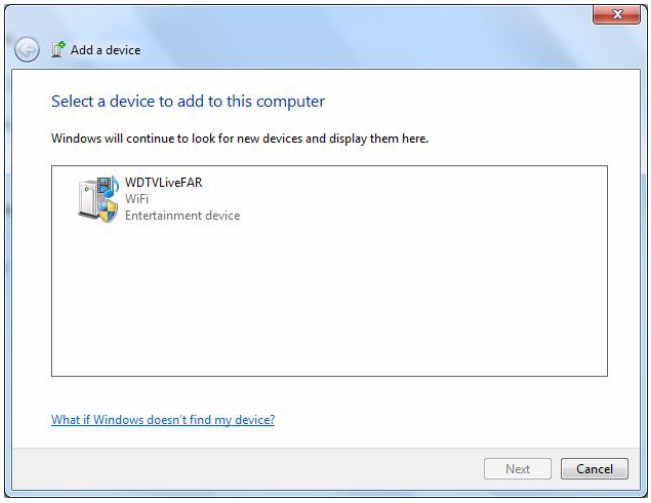
1. Under Wireless Network Setup, select **Get Window pairing code**, then press **OK**. A pairing code displays. Make a note of this code and start your Windows 7 computer.


Get Windows pairing code
Step 1: Enter the pairing code below at your PC.
Step 2: Select Connect on your TV; then the screen will notify you when the setup is complete.
57861326
Connect

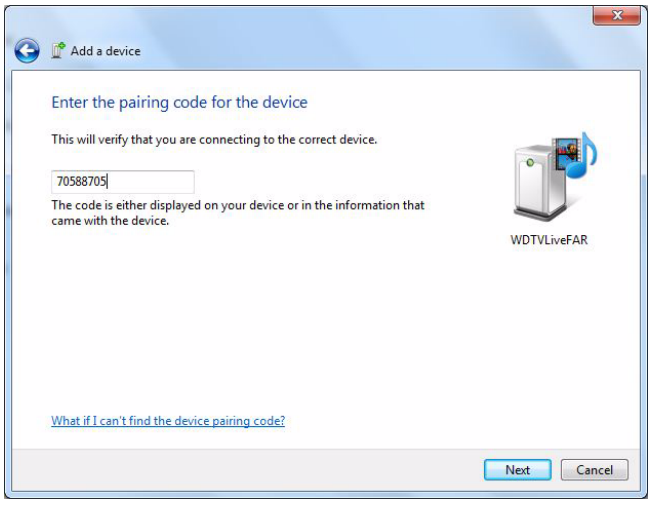
2. Open a Windows Explorer window, then click **Network**.
3. Click **Add a wireless device**.



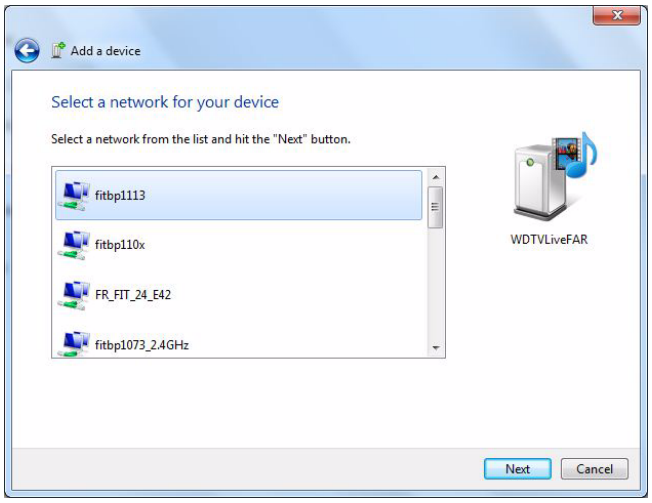
4. Click on the media player device icon, then click **Next**.


Add a device
Select a device to add to this computer
Windows will continue to look for new devices and display them here.
WDTVLiveFAR
WiFi
Entertainment device
What if Windows doesn't find my device?
Next
Cancel

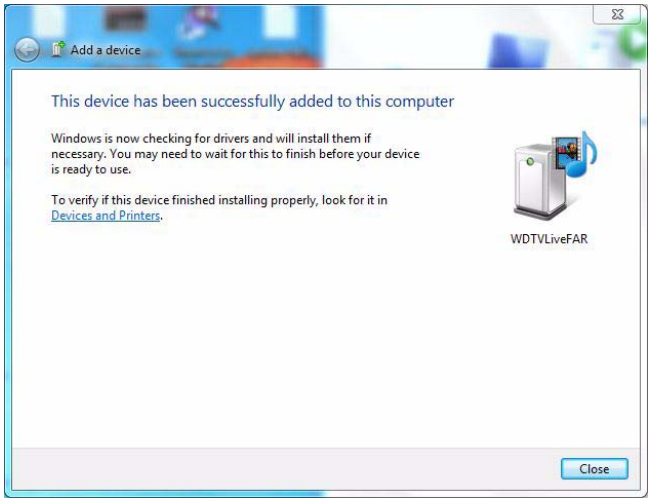
5. Enter the pairing code (see step 1), then click **Next**.


Add a device
Enter the pairing code for the device
This will verify that you are connecting to the correct device.
70588705
The code is either displayed on your device or in the information that came with the device.
WDTVLiveFAR
What if I can't find the device pairing code?
Next
Cancel

6. Select the network you want to add the media player to from the list, then click **Next**.



7. Press **OK** on the remote to connect the media player to your network (see step 1).
8. Once the media player connects to the network, the following screen displays. Click **Close**.


Add a device
This device has been successfully added to this computer
Windows is now checking for drivers and will install them if necessary. You may need to wait for this to finish before your device is ready to use.
To verify if this device finished installing properly, look for it in Devices and Printers.
WDTVLiveFAR
Close

Previously Connected Wireless Network

This menu displays a record of your wireless network settings. After performing a wireless network setup, the media player keeps a record of the LAN access point. Use this menu to reconnect to the local network without having to rekey the password.

Check Connection

See “Checking the Network Connection” on page 25 for information and instructions.

Device Name

The name shown in the device name field helps you identify the media player on the network. Use this menu option to change the device name using the onscreen keyboard.

Network Share Server

Must be set to **On** to enable access to an attached USB drive via the local network. See “Transferring Files” on page 30 for information and instructions.

Workgroup

Allows the media player to join an existing Samba (CIFS/SMB) workgroup on your network. Computers and devices in the same workgroup may allow each other access to their files. To join a workgroup, enter the Workgroup Name then press **OK**.

Proxy

Proxy is used by corporations to view and filter online transactions. All requests in the corporate environment go through a proxy server to perform such actions as recording the IP address of a web site, checking the IP address that is being opened to make sure it’s not on a blocked list, and checking outgoing attachments for spam or viruses.

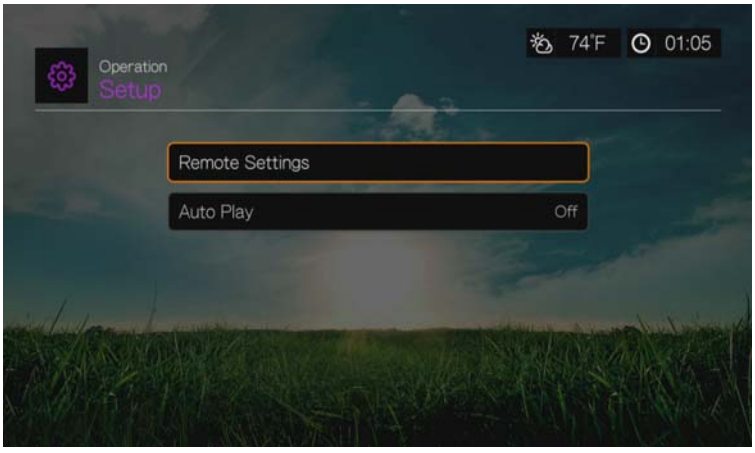
If you plan to use the media server in a corporate environment, select **On**, then enter the Proxy address and port using the on-screen keyboard to access online services.

Clear Login Info for Network Share

Use this menu to clear login information (preset password) for the network share.

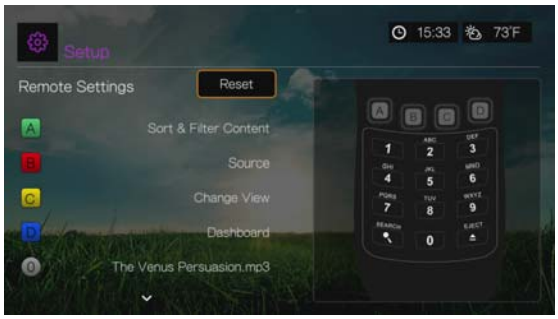
Operation

Use the menus in the Operation screen to set preferences for the media player.

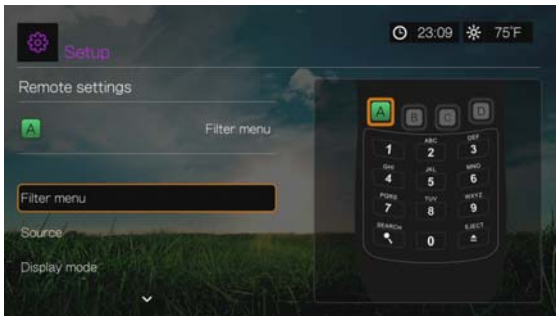


Remote Settings

Select a function for the **A**, **B**, **C**, and **D** function buttons on the remote controller. The remote settings menu displays the functions currently assigned to each button.



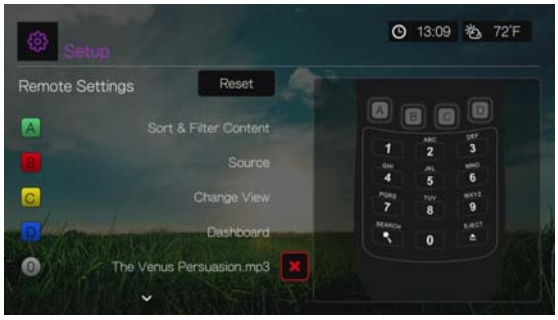
To change functions, press ▲/▼ to select a function button, then press **OK**. Press ▲/▼ to select functions such as display mode, filter menu, Music, Video, Services, Setup, etc., then press **OK**.



To reset the function buttons to default settings, select **Reset**, then press **OK**.

Delete Music Preset (Buttons 0-9)

To clear a music file or playlist preset from one of the **0**-**9** buttons, press ▲/▼ to select a numbered button. Press ▶ to select the ✕, then press **OK**.



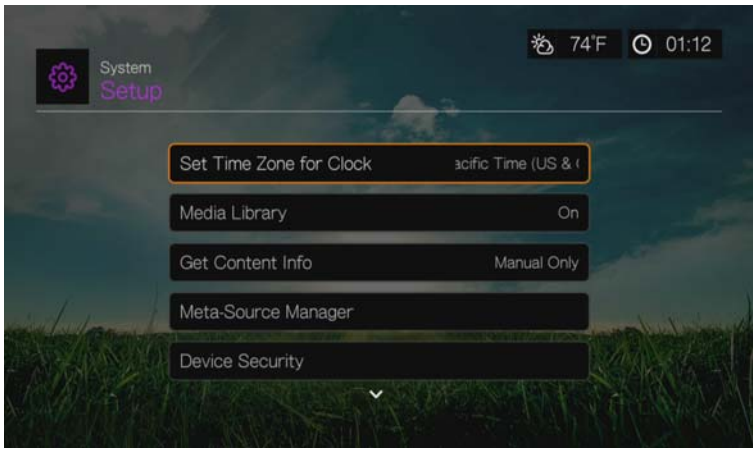
Auto Play

Select the type of media (music or video) that plays automatically when a USB device is connected to USB port 1 on the front of the media player. The media files must be located in the USB device's root directory for Auto Play to function.

Note: The auto play function will only work if the USB device is plugged into USB port 1 on the front of the media player.

System

Use the menus in this category to configure the media player's general functions. Press ▲/▼ to make a selection from the list of options, then press **OK**.



Set Time Zone for Clock

Use this menu to select your local time zone and turn Daylight Savings Time **Off** or **On** so that the media player displays the current time.

Media Library

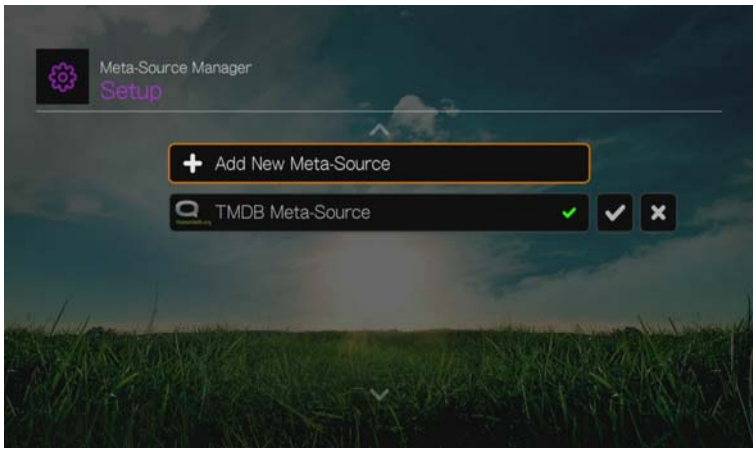
Use this menu to enable or disable Media Library (turn **Off**, **On**, or **Clear Media Library**), which refers to the process of consolidating the media contents of an internal hard drive, USB drive, or network drives into one database so you can locate media files based on metadata information. See "Media Library" on page 194 for more information.

Get Content Info

Use this menu to set options for how you want to attach metadata (such as artwork and additional information) to your music and video files. **Manual Only** is the default setting, and you can also set this menu to **Auto**.

Meta-Source Manager

Use this menu to select a meta-source that provides metadata information and artwork for your media files. Select **Movie**, **Music**, or **TV Show** to display and select available meta-sources for the media type.



Select **Add New Meta-Source** and select the meta-source XML file from the network or attached USB storage. You can also create your own meta-source. Go to *www.wdtvlive.com* to download a sample meta-source, and for more information about meta-sources.

Device Security

Use this menu to set a security password to access and control store demo mode and parental control features. Select **Device Security** and use the navigation buttons ▲▼◀▶ to type in your password (you will need to enter it twice before initial use) to enable the features. The following screen displays:

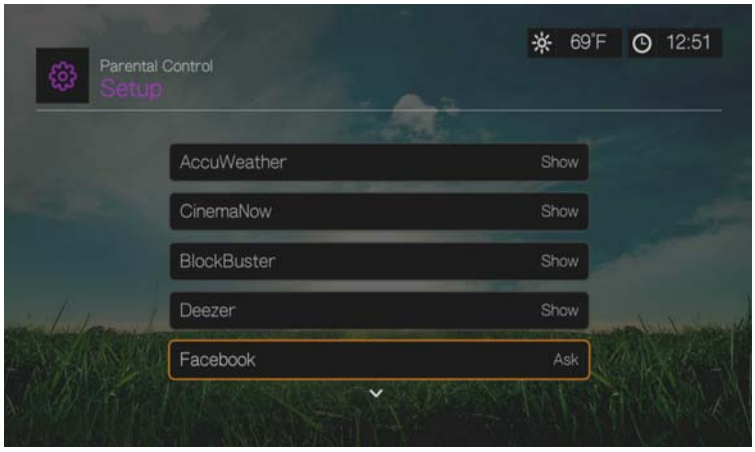
From here, enter the **Parental Control** menu, set **Store Demo Mode**, or **Set New Password**.

Parental Control

Parental control allows you to password protect an Internet service so the user can access it only if the correct password is entered. There are two options:

1. **Show** – default option. The service is not password protected.

2. **Ask** – the password must be entered to access the service.



Store Demo Mode

When set to **On**, this option allows settings to be changed and functions tested for demonstration purposes. After exiting Store Demo Mode, all previous user settings are restored. When the media player is idle for 60 seconds in Store Demo Mode, a demo video begins playing. Press **OK** to exit idle mode when this occurs.

Additional Encoding Support

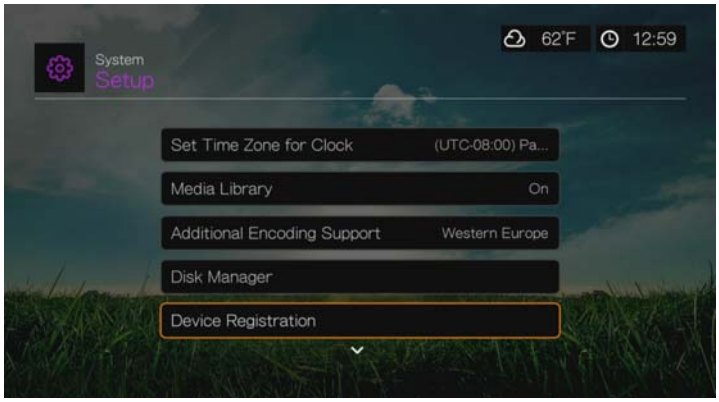
Press ▲/▼ to select an encoding support for a secondary language, then press **OK**. This prevents garbled characters in file names and subtitles defined in the selected language.

Device Registration

To register your WD product using the Setup menu:

1. Make sure your media player has an active network connection.

   See “Finding Your Content” on page 26 for instructions on how to set up a network connection.
2. Press **Setup** or navigate to the Home | Setup menu, then press **OK**.
3. Press ▲/▼ to select **System**, then press **OK**.
4. Press ▲/▼ to select **Device Registration**, then press **OK**.



5. On the Register Product screen, press ▲/▼ to select **First Name**, then press **OK**.

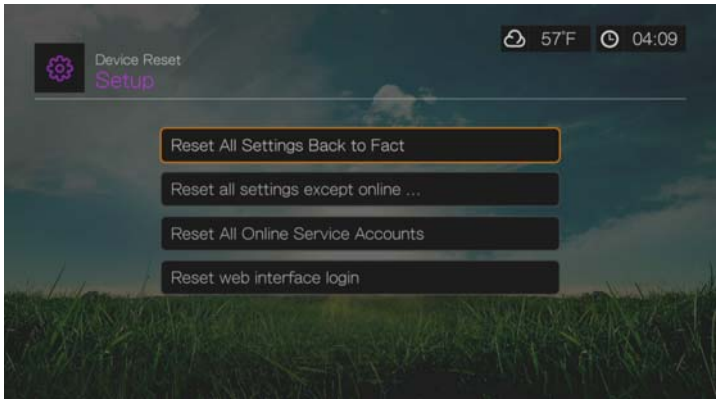
6. Use the navigation buttons ▲▼◄► to type in your first name using the on-screen keyboard. Select **Submit**, then press **OK**.
7. Press ▲/▼ to select **Last Name**, then press **OK**.
8. Use the navigation buttons ▲▼◄► to type in your last name using the on-screen keyboard. Select **Submit**, then press **OK**.
9. Press ▲/▼ to select **Email**, then press **OK**.
10. Use the navigation buttons ▲▼◄► to type in your email address using the on-screen keyboard. Select **Submit**, then press **OK**.
11. On the Register Product screen, press ◄ ► to select **OK**, and then press **OK**.

WD LED Light Control

Use this menu to turn off the WD LED light (**Always Off**). If turned off, the WD LED will only appear during start up then disappear after the device has booted up. The default setting is **Normal**.

Device Reset

Use this menu to perform device reset options:



Reset All Settings Back to Factory Default – restores all media player system preferences and playback settings to their default factory values. This may correct problems caused by a failed firmware upgrade or faulty configuration settings.

Reset All Settings Except Online Service Accounts – restores all media player system preferences and playback settings to their default factory values with the exception of your internet Services personal account information.

Reset All Online Service Accounts – clears all account information and logins you have entered for Services, with the exception of BLOCKBUSTER On Demand, CinemaNow, and TuneIn (you must contact these service providers to have the media player removed from your account).

Reset Web Interface Login – clears the user-created Web UI password and resets it to the default password. See “Using the Web UI” on page 42 for details.

Important: If you specified a static IP address (or any other non-standard configuration), the media player will no longer appear on the network after the reset. Also, be sure to reset the media player to factory defaults and

reset all online service accounts before returning or otherwise transferring the device to purge your internet services personal account information, network shares passwords, and wireless network passwords.

To perform a device reset:

1. Press ▲/▼ to select **Device Reset**, then press **OK**.
2. Press ▲/▼ to select a device reset option, then press **OK**.
3. Select **OK** in the confirmation screen, then press **OK**.

Device Restart

Press **OK** to restart the media player.

Check Latest Firmware

This menu displays the current firmware version. Press **OK** to check for new firmware.

Auto Detect New Firmware

Use this menu to turn the automatic detection of new firmware **On** or **Off**. See "System Firmware Upgrade" on page 196 for further details.

About

Select this option to display the network info, firmware version currently installed, part number, and serial number of the device as well as online service info.

- Select **Network Info** then press **OK** to view info such as the device's MAC and IP addresses, mobile access type, etc.
- Select **Device Info** then press **OK** to view the firmware version currently installed, part number, and serial number of the device.
- Select **Online Service Info** to view online service account info such as your Netflix ESN.

Media Library

Media Library scans and consolidates the media contents of the internal hard drive, USB drive, and network drives into a database through which you can easily locate media files. This feature is set to on by default.

The following conditions will prevent the Media Library from processing your media.

- The USB device has read-only protection.
- There is not enough hard drive space on the USB device. Your media player needs some space to cache information, so that searches and scans are faster.

A note about metadata

Metadata is information about the data in a file that describes how, when, and by whom a particular set of data (video, music, photographic, or any other type of data) was collected, and how the data is formatted.

Not all files have metadata loaded. To add and edit metadata so that Media Library can aggregate the files properly, you can use one of several tools including:

- Adobe® Bridge (part of the Adobe Creative Suite)
- abcAVI Tag Editor (freeware)
- XnView 1.93.2 (freeware)
- iTunes
- Windows Media Player

Editing Metadata

Editing metadata with iTunes:

1. Open iTunes and click the song you want to edit.
2. Open the File menu, then click **Get Info**.

   A window opens, showing all of the information you can edit for the song that you selected. You can edit the song's:
   - Name
   - Artist
   - Year released
   - Album name
   - Composer
   - Track number
   - Genre
3. When you are done, click **OK**. To edit the next song listed in your iTunes library, click **Next**.

Editing metadata with Windows media player:

1. Open Windows media player.
2. Click the **Library** tab.
3. Right-click the title or other item to edit.
4. When the menu opens, click **Edit**.

Converting The Content Into A Usable Format

There are several fast, easy-to-use applications available online that can convert photos, videos, and music files into formats optimized for use on your media player. The software also allows simultaneous conversion of multiple files in batches regardless of their original formats.

Examining Your Files

MediaInfo (free software) can provide technical and tag information about your video or audio files.

MediaInfo provides the following kinds of information:

- General—title, author, director, album, track number, date, and duration
- Video—codec, aspect, fps, and bitrate
- Audio—codec, sample rate, channels, language, and bitrate
- Text—language of the subtitles
- Chapters—number and a list of chapters

MediaInfo supports the following formats:

- Video—MKV, OGM, AVI, DivX, WMV, QuickTime, Real, MPEG-1, MPEG-2, MPEG-4, DVD (VOB) (Codecs: DivX, XviD, MSMPEG4, ASP, H.264, AVC)
- Audio—OGG, MP3, WAV, RA, Dolby Digital Plus, AAC, M4A, AU, AIFF
- Subtitles—SRT, SSA, ASS, and SAMI

With MediaInfo, you can:

- Read many video and audio file formats
- Use several methods of viewing information, such as text, sheet, tree, and HTML
- Customise views
- Export information as text, such as CSV and HTML

To examine your files:

1. Use your browser and go to *http://mediainfo.sourceforge.net/en*.
2. Download the software and install it on your computer.
3. Follow the instructions as prompted.

16

System Maintenance

The system software of your media player can be upgraded to the latest release, which can improve support for media file playback and includes bug fixes and product enhancements. To ensure that you receive the latest update, we recommend registering your product at *http://register.wdc.com*.

This chapter describes how to upgrade the system firmware and perform simple troubleshooting. If you encounter an error message, refer to the “Common Error Messages” on page 201 for possible corrective action.

Solutions to more serious problems may require contacting your dealer or an authorized service center for assistance. For more information, refer to “WD Service and Support” on page 2.

System Firmware Upgrade

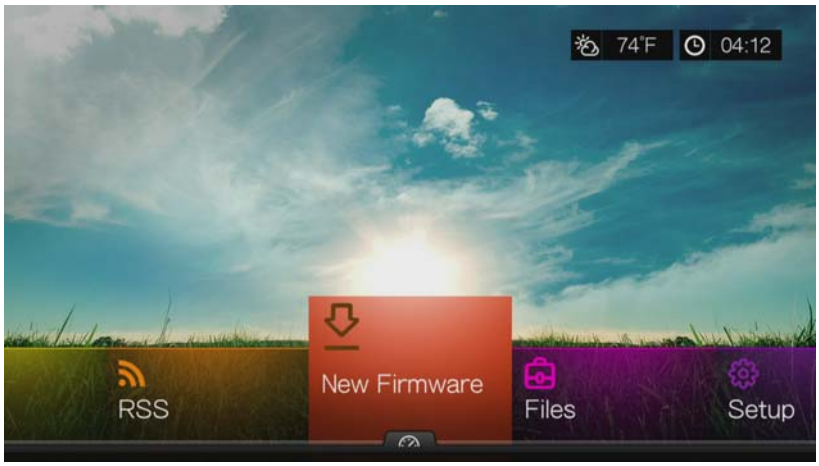
Firmware is an important set of instructions that tells your media player how to operate, what the interactive screens look like, and how to do what you tell it to do. Upgrading the firmware is important because WD is always developing newer, faster, and more efficient ways of doing things that your media player needs to know.

Important: Make sure the media player’s AC power adapter remains connected during the firmware update. A power disruption during the update process can corrupt the system firmware. Also, make sure that you do not unplug the USB storage device if doing a manual update.

Automatic

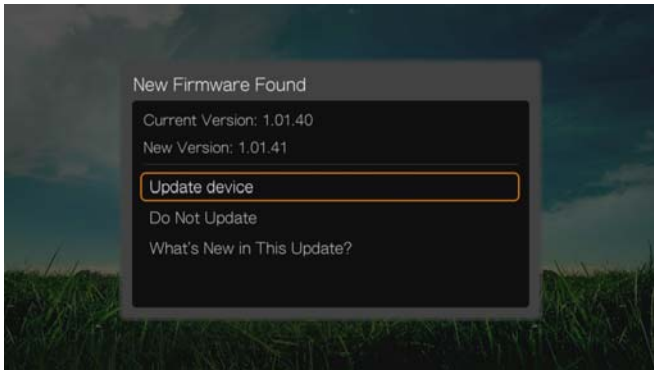
The New Firmware menu appears in the media player’s Home screen when updated firmware becomes available, providing the option to automatically upgrade the firmware.

Note: You must have Auto Detect New Firmware set to **On** to automatically upgrade firmware. See “Auto Detect New Firmware” on page 193.



To update the firmware automatically:

1. Press **HOME**, then select New Firmware. Press **OK**.
2. Select **Update device** on the firmware update prompt, and then press **OK**. This restarts the system. You can also select **What's New in This Update?** to see the changes.



3. After restarting, the system automatically enters firmware upgrade mode.

4. Once the update process finishes, the media player restarts. When the media player restarts, the new firmware loads automatically.

Manual

To update the firmware manually:

1. Go to *http://support.wdc.com* and download the latest firmware update file for the media player.
2. Click "Downloads," then the product name (or photo). Download the WD TV Live Hub media player firmware zip file to your computer.
3. Using an unzip utility, extract the zip file contents to the root directory of a USB device connected to your computer.
4. Safely remove the USB device from the computer and attach it to the media player.
5. Connect the USB device to the media player's USB port. If the Sync and Transfer screen appears, select **Cancel**, then press **OK**.
6. Follow steps 1-4 under "To update the firmware automatically:" on page 197.
7. If the Sync and Transfer screen appears, select **Cancel** or **OK** if you want to access video, music, or photo files on the attached USB device.

Troubleshooting

Problem	Solution
DISPLAY	
The TV screen is blank and the media player power LED remains off.	• Make sure the TV is turned on. • Make sure that the power adapter and power outlet are okay. • Make sure that the interface cable is properly attached to the correct terminals on both the TV and the media player.
The TV screen is blank and the media player power LED is blinking.	• Check your TV input source selection. • Power cycle (turn off/on) your TV. • Power cycle (turn off/on) your media player. • If the same thing happens, a system diagnostic failure may have occurred. Contact WD Technical Support for assistance (see "WD Service and Support" on page 2).
The TV screen is blank and the media player power LED is on.	• Make sure the TV is turned on. • Make sure that the interface cable is properly attached to the correct terminals on both the TV and the media player. • Press the reset switch for one second to reset to factory defaults (see "Device Reset" on page 192). Press and hold 10 seconds to toggle between NTSC and PAL. Use a fine-tipped stylus or the unfolded end of a paperclip to press the reset switch.
The TV screen is blinking and fuzzy.	• Make sure that the interface cable is properly attached to the correct terminal(s) on both the TV and the media player. • Make sure the media player power LED is on. • If you are using a CRT TV, navigate to the Home | Settings | System screen and: - Make sure that the **Composite** option is selected as the video output. - Make sure the TV system setting matches the system used in your region. • If you are using an LCD TV, navigate to the Home | Settings | System screen and: - Make sure that the **HDMI** option is selected as the video output. - Make sure that the video resolution option is set as **Auto**.
The video display is cut off or appears in a sidebar.	Navigate to the Home | Settings | Audio/Video screen and make sure that aspect ratio is set as **Normal**.

Problem	Solution
The slideshow pictures are distorted.	Navigate to the Home | Settings | Photo screen and select Keep as original or Fit to screen in the Photo Scaling field.
FILES	
File does not play.	• Verify compatibility. Refer to “Supported Formats” on page 204. • Use a media converter program to convert the file to a usable format.
AUDIO	
There is no sound.	• Make sure the volume on the entertainment unit is not muted. • Navigate to the Home | Settings | System screen and make sure the correct audio output setting is enabled. - If you are using the composite audio cable, the **Stereo** setting should be enabled. - If you are using an S/PDIF (optical) or HDMI connection, the **Digital** setting should be enabled. • If you are watching a video that supports multiple audio channels, make sure that the Audio Off option is disabled. Press Options | <icon>, and then press **OK** repeatedly until the intended audio channel is displayed.
NETWORK	
The media player is not visible on the network.	• Make sure the Setup > Network Settings > Network Share Server option is set to **On**.
USB DEVICE	
The Media Library process failed.	Make sure that: • the USB device has no read-only protection. • the USB device is not using the HFS+ file system with Journaling enabled. • there is enough storage space on the USB device.
The attached USB device is not visible on the Home screen.	• The media player only supports mass USB storage mode. Make sure that the USB device is configured as a "mass storage device." • Make sure the USB device’s file system is supported (NTFS, FAT/FAT32, or HFS+).
REMOTE CONTROL	

Problem	Solution
The media player remote control does not work.	• Press only one button at a time. • Make sure the batteries are properly inserted. • The batteries may already be drained out. Replace batteries with new ones. • Make sure that the path between the remote control and the media player is not blocked.
FIRMWARE UPGRADE	
The firmware upgrade recovery splash screen is shown after you turned on the media player or the media player keeps rebooting to the splash screen.	The previous or current firmware upgrade process failed. • Repeat the firmware upgrade process. Go to page 197 for instructions. • If you are still unable to update the system firmware, perform a system reset. Go to page 192 for instructions.

Common Error Messages

If this message appears	Perform this action
HOME	
Hard drive cannot aggregate.	There are different conditions under which this error message may appear. The message will specify the issue. For example, not enough space is used on the storage or a journaled file system.
No storage present.	Attach the USB device that contains your media files.
Media Library requires more storage space: [XXXMB]	1. Eject and disconnect the USB device from the media player. 2. Connect the USB device to your computer and delete unnecessary files to meet the required storage space. 3. Attach the USB device to the media player again.
Please turn off journaling on the attached storage's file system for the media player to compile the media library.	1. Eject and disconnect the USB device from the media player. 2. Connect the USB device to your Apple computer and disable the journaling function. Refer to the Apple Help for information. 3. Attach the USB device to the media player again.
Unable to compile media library on read-only storage.	1. Eject and disconnect the USB device from the media player. 2. Connect the USB device to your computer and make sure the read-only protection is disabled. 3. Attach the USB device to the media player again.
Unable to compile media library. Please check your storage setting.	There are two different conditions under which this error message may appear: 1. Insufficient storage space on the drive(s). 2. Drive is configured as “read-only.” Free up drive storage space or adjust the drive settings to resolve this error.
Unrecognized storage.	The USB device model is not supported. Use another USB device.
Question XX: WD USB HDD Trouble Shooting	This indicates a system diagnostic failure. Contact WD Technical Support for assistance.
CONTENT PLAYBACK	
There is no media in the current folder.	There are no supported media files in the selected folder. Select another folder that contains media files of the correct format.

If this message appears	Perform this action
Unable to play the selected file. Please see the User Manual for a list of supported file formats.	1. Eject and disconnect the USB device from the media player or map a drive to the media player while the file is located. 2. Connect the USB device to your computer or check the file on the media player's internal drive and make sure the file format is correct/supported (see "Supported Formats" on page 204). 3. Attach the USB device to the media player again if necessary.

FAQs

How do I find media files and create playlists?

Several media player applications are currently available, such as Winamp and iTunes, that let you play, arrange, and edit media files. These media players also let you create playlists and edit the metadata information for media files. You can search the Internet with your browser to locate where these applications are available for download.

How do I copy the files from my music CD to my computer?

Digital audio extraction, or *Ripping*, is the process of copying audio (or video) content to a hard drive, typically from removable media, such as CDs or DVDs, or from media streams.

To rip music from CDs to a computer:

1. Insert the CD into the optical drive of your computer.
2. Open the program that you use to rip the music to your computer, such as iTunes or Windows Media Player.
3. Press the **Import** button (using iTunes),

   - OR -

   Press the **Rip** button (using Windows media player).
4. Click the music you want to copy (Windows media player) and note where the music files are saved after they are copied. iTunes imports the entire CD into your iTunes music library.
5. Click the **Start Rip** button (Windows Media Player).
6. When ripping is complete, remove the CD. The music is now on your computer.

Note: Some music may be covered by copyright laws which prevent its copying or distribution.

Can I use a universal remote control with the media player?

You can use most popular universal remote control devices such as the Logitech Harmony models.

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Appendix

Multiformat Content Playback

Multiformat is a file type that groups other files of the same digital content but may be encoded in different digital formats. For example, a single video file may actually include a few components such as video, audio, and photo grouped together. The media player is capable of playing several different types of multiformat files. For a detailed list of supported formats, refer to “Supported Formats” on page 204.

Audio codec	Audio container	Video codec	Video container	Photo	Subtitle*	Playlist
MP3	AIFF	MPEG 1	AVI	GIF	SRT	PLS
MP2	MKA	MPEG 2	VOB/ISO	BMP	SUB	WPL
WAV/PCM/ LPCM	OGG	MPEG 4 (ASP, AVC HD/H.264)	ASF/WMV	JPEG	SUB (with IDX)	M3U
Dolby Digital**	WMA	VC-1	DVR-MS	TIF/TIFF***	SMI	XML (iTunes)
Dolby Digital Plus		WMV9	MKV	PNG	SSA	CUE
Dolby TrueHD		Xvid	MOV		ASS	
FLAC			DAT (VCD/ SVCD)			
WMA/ WMA Pro			tp, ts, m2t/ m2ts			
AAC			FLV			
DTS****						
OGG Vorbis						
AC3						
APE						

*To convert subtitle files encoded in a different format, open the file with Notepad and do a Save As with the following parameters: File Type—All Files and Encoding—UTF-8.

**2-channel only. 2+channel signal is sent via digital pass through to a receiver. Manufactured under license from Dolby Laboratories. “Dolby” and the double-D symbol are trademarks of Dolby Laboratories.

***Single layer only.

****Manufactured under license under U.S. Patent #’s: 5,451,942; 5,956,674; 5,974,380; 5,978,762; 6,487,535 & other U.S. and worldwide patents issued & pending. DTS is a registered trademark & the DTS logos and Symbol are trademarks of DTS, Inc.

Supported Formats

Filename extension	Codec	Format/container
	VIDEO	
.3g2/.3gp/.mov/.mp4	Video: AVC MPEG/4 Audio: AAC AC3 MPEG Audio	QuickTime
.asf/.wmv	Video: DivX3 WMV3 Audio: WMA2 WMA3	ASF
.avi/.divx	Video: AVC DivX (3/4/5/6) MPEG4 M-JPEG (422) WMV3 WVC1 (VC1) Xvid Audio: AAC AC3 ADPCM DTS PCM MPEG Audio	AVI
.dat	Video: MPEG1 Audio: MPEG Audio	CDXA
.dvr-ms	Video: MPEG2 Audio: AC3 MPEG Audio	ASF
.flv	Video: AVC Audio: AAC MP3	FLV

Filename extension	Codec	Format/container
.iso (BD)/.mts/.m2t/.m2ts/ .m4t/.tp/.trp/.ts/.tts	Video: AVC MPEG1/2/4 Audio: AC3 Dolby Digital Plus Dolby TrueHD DTSHD MPEG Audio PCM	MPEG TS
.iso (DVD)/.m1s/.m2p/ .mpg/.mpeg/.mpeg2/ .mod/.vbs/.vob	Video: MPEG1/2 Audio: AC3 MPEG Audio PCM DTS	MPEG PS/MPEG TS
.mkv	Video: AVC DivX (3/4/5/6) MPEG1/2/4 Xvid Audio: AAC AC3 MPEG Audio PCM DTS	MATROSKA

An audio receiver is required for multi-channel surround sound digital output.

Video notes:
1. MPEG-2 Max (MP@HL 1920x1080ip30 or 1280x720p60), bit rate (SD:20, HD:40).
2. MPEG4.2 Max (ASP@L5 1920x1080p30 or 1280x720p60), bit rate (SD:20, HD:40).
3. EG-4.10 (H.264) Max (BP@L3.0 720x480p30 or 720x576p25, MP@L4.1 and HP@L4.1 1920×1080p30 or 1280x720p60), bit rate (SD:20, HD:40).
4. SMPTE 421M (VC-1) Max (AP@L3 and MP@HL 1920×1080p30 or 1280x720p60), bit rate (SD:20, HD:40).
5. WMV9 Max (MP@HL 1920×1080p30 or 1280x720p60), bit rate (SD:20, HD:40). Does not supprot WMV7 and WMV8. Does not support Screen, Image and Image Version 2 profiles.
6. AVS Mac (Jizhun@L6.0 1920×1080p30 or 1280x720p60) , bit rate (SD:20, HD:40).

File	Codec	Format/container
AUDIO		
MP1/2/3/a	MPEG audio	None
AAC	MPEG 2/4 AAC LC/HE	1. ADTS 2. ADIF
M4A/MP4A	MPEG 2/4 AAC LC/HE	Quicktime
FLAC	FLAC	FLAC

File	Codec	Format/container
AUDIO		
WAV	PCM	WAVE
LPCM/PCM	PCM	None
OGG	OGG VORBIS	OGG
WMA	WMA2 (WMA)/WMA3 (WMA Pro)	ASF
AIF/AIFF	PCM	AIFF
MKA	1. AC3 2. DTS 3. FLAC 4. MPEG 2/4 AAC LC/HE 5. MPEG Audio 6. OGG Vorbis 7. PCM	MATROSKA
AC3/EC3	AC3	None
APE	APE	Monkey's Audio
An audio receiver is required for multi-channel surround sound digital output.		

Type	File name	Codec	Resolution	Other limitation
PHOTOS				
BMP	bmp	Uncompressed (most common)	2048x2048	Not available
TIFF	tif/tiff	Uncompressed 24-bit RGB (most common)	2048x2048	Multi-page not supported, only shows 1st page
		LZW (loss less)	2048x2048	Not available
PNG	png	DEFLATE (loss less)	2048x2048	Not available
GIF	gif	LZW (loss less)	2048x2048	For animation, only supports 1st page
JPEG	jpeg/jpg	JPEG (lossy) (most common)	4096x4096	CMYK not supported
		Progressive	1280x720	Not available
Compressed RGB JPEG formats only and progressive JPEG up to 2048. Single layer TIFF files only. Uncompressed BMP only. Not available indicates that no other limitations are known at this time.				

Thumbnail	Support	Limitation
MUSIC		
Filename extension	Only supports ID3 and EXIF format have thumbnail	
mp3	Yes	Thumbnail in the id3 tag (“APIC” or “PIC” tag)
wma	Yes	Thumbnail in the asf format (“WM/Picture” in the extended info)
m4a	Yes	Thumbnail in the quicktime format (“moov/udta/meta/ilst/covr”)
mp4a	Yes	Thumbnail in the quicktime format (“moov/udta/meta/ilst/covr”)
flac	Yes	Thumbnail in the flac format
asf	Yes	Thumbnail in the asf format (“WM/Picture” in the extended info)
wmv	Yes	Thumbnail in the asf format (“WM/Picture” in the extended info)
mp4	Yes	Thumbnail in the quicktime format (“moov/udta/meta/ilst/covr”)
jpg	Yes	Thumbnail in the exif
jpe	Yes	Thumbnail in the exif
tiff	Yes	Thumbnail in the exif
tif	Yes	Thumbnail in the exif
jpeg	Yes	Thumbnail in the exif

Regulatory Compliance

Federal Communications Commission (FCC)

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

1. This device may not cause harmful interference.
2. This device must accept any interference received, including interference that may cause undesired operation.

Federal Communications Commission (FCC) Requirements, Part 15

This equipment has been tested and found to comply with the limits for a Class B digital device pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the manufacturer's instruction manual, may cause interference with radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, you are encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the retailer or an experienced radio/television technician for help.

Regulatory Information/Disclaimers

Installation and use of this Wireless LAN device must be in strict accordance with the instructions included in the user documentation provided with the product. Any changes or modifications (including the antennas) made to this device that are not expressly approved by the manufacturer may void the user's authority to operate the equipment. The manufacturer is not responsible for any radio or television interference caused by unauthorized modification of this device, or the substitution of the connecting cables and equipment other than manufacturer specified. It is the responsibility of the user to correct any interference caused by such unauthorized modification, substitution or attachment. Manufacturer and its authorized resellers or distributors will assume no liability for any damage or violation of government regulations arising from failing to comply with these guidelines.

CAUTION: To comply with FCC RF exposure compliance requirements, the antenna used for this transmitter must be installed to provide a separation distance of at least 20cm from all persons and must not be co-located or operating in conjunction with any other antenna or transmitter.

Industry Canada (IC)

This device complies with RSS-210 of the Industry Canada Rules. Operation is subject to the following two conditions:

1. this device may not cause interference and
2. this device must accept any interference, including interference that may cause undesired operation of the device

This device has been designed to operate with an antenna having a maximum gain of 2dBi. Antenna having a higher gain is strictly prohibited per regulations of Industry Canada. The required antenna impedance is 50 ohms.

To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the EIRP is not more than required for successful communication.

IMPORTANT NOTE: C Radiation Exposure Statement:

This equipment complies with IC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

Ce dispositif est conforme à la norme CNR-210 d'Industrie Canada applicable aux appareils radio exempts de licence. Son fonctionnement est sujet aux deux conditions suivantes: (1) le dispositif ne doit pas produire de brouillage préjudiciable, et (2) ce dispositif doit accepter tout brouillage reçu, y compris un brouillage susceptible de provoquer un fonctionnement indésirable.

Ce dispositif a été conçu pour fonctionner avec une antenne ayant un gain maximal de dB [2]. Une antenne à gain plus élevé est strictement interdite par les règlements d'Industrie Canada. L'impédance d'antenne requise est de 50 ohms.

NOTE IMPORTANTE: (Pour l'utilisation de dispositifs mobiles)

Déclaration d'exposition aux radiations:

Cet équipement est conforme aux limites d'exposition aux rayonnements IC établies pour un environnement non contrôlé. Cet équipement doit être installé et utilisé avec un minimum de 20 cm de distance entre la source de rayonnement et votre corps.

ICES-003/NMB-003 Statement

Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

This device complies with Canadian ICES-003 Class B.

Safety Compliance

Approved for US and Canada. CAN/CSA-C22.2 No. 60065:03, UL-60065, 7th Ed: Audio, Video and Similar Electronic Apparatus - Safety Requirements.

Approuvé pour les Etats-Unis et le Canada. CAN/CSA-C22.2 No. 60065:03, UL-60065 7th Ed. Appareils audio, vidéo et appareils électroniques analogues - Exigences de sécurité.

This device is only for use with the compatible UL Listed AC adapter.

Cet appareil n'est destiné qu'a` des adaptateur compatibles marqués "UL Listed."

CE Compliance for Europe

Operation of this device is subjected to the following National regulations and may be prohibited to use if certain restriction should be applied.

Marking by the CE symbol indicates compliance of this system to the applicable Council Directives of the European Union, including the EMC Directives (2004/108/EC), (1999/5/EC), the Low Voltage Directive (2006/95/EC), and EuP Directive (2005/32/EC). A “Declaration of Conformity” in accordance with the applicable directives has been made and is on file at Western Digital Europe.

Die Kennzeichnung mit dem CE-Symbol zeigt an, dass dieses System die anwendbaren Richtlinien der Europäischen Union erfüllt, einschließlich der EMV-Richtlinien (2004/108/EG), (1999/5/EG), der Niederspannungsrichtlinie (2006/95/EG) und der Richtlinie (2005/32/EG) des Europäischen Parlaments. Eine „Konformitätserklärung“ gemäß den anwendbaren Richtlinien wurde abgegeben und kann bei Western Digital Europe eingesehen werden.

Le symbole CE sur l'appareil indique la conformité de cet appareil avec les directives applicables du Conseil de l'Union Européenne, dont les directives EMC (2004/108/EC), (1999/5/EC), la directive sur les limites de tension (2006/95/EC) et la directive EuP (2005/32/EC), si applicable. Une « déclaration de conformité » conforme aux directives applicables a été effectuée et est consultable chez Western Digital Europe.

Il marchio CE indica la conformità del sistema alle direttive applicabili del Consiglio dell'Unione europea, tra cui le Direttive EMC (2004/108/CE), (1999/5/CE), la Direttiva Bassa Tensione (2006/95/CE), e la Direttiva EuP (2005/32/CE). Una “Dichiarazione di conformità” redatta in base alle direttive vigenti è disponibile presso Western Digital Europe.

La marca con el símbolo CE indica el cumplimiento de este sistema de las Directivas del Consejo de la Unión Europea correspondientes, incluidas las directivas EMC (2004/108/EC) y (1999/5/EC), la Directiva de bajo voltaje (2006/95/CE) y la Directiva EuP (2005/32/EC). Se ha realizado una "Declaración de conformidad" de acuerdo con las directivas aplicables y se encuentra archivada en Western Digital Europe.

CE-märkningen innebär att detta system uppfyller Europeiska Unionens tillämpliga rådsdirektiv, inklusive EMC-direktivet (2004/108/EC), (1999/5/EC), lågspänningsdirektivet (2006/95/EC) och EuP-direktivet (2005/32/EC). En "Konformitetsdeklaration" i enlighet med gällande direktiv har gjorts och finns arkiverad hos Western Digital Europe.

Merking med CE-symbolet indikerer at dette systemet samsvarer med gjeldende direktiver (council directives) for EU, inkludert EMC-direktiv (2004/108/EF), (1999/5/EF), Lavspenningsdirektiv (2006/95/EF) og EuP-direktiv (2005/32/EF). En "Samsvarserklæring" i henhold til gjeldende direktiver har blitt opprettet og er i Western Digital Europas arkiver.

CE-merkintä osoittaa tämän järjestelmän yhdenmukaisuuden sovellettavissa olevien Euroopan yhteisön neuvoston direktiivien kanssa, mukaan lukien EMC-direktiivi (2004/108/EC), (1999/5/EC), alijännitedirektiivi (2006/95/EC) sekä EuP-direktiivi

(2005/32/EC). "Noudattamisjulistus" on jätetty asiaankuuluvien direktiivien mukaisesti, ja se on tallessa Western Digital Europessa.

Mærkning med CE-symbolet angiver at systemet overholder Europaparlamentets og Rådets direktiver, herunder EMC-direktiverne (elektromagnetisk kompatibilitet) (2004/108/EC), (1999/5/EC) og lavspændingsdirektivet (2006/95/EC) og EuP-direktivet 2005/32/EC. En “Declaration of Conformity” (overensstemmelsesattestering) i henhold til gældende direktiver er afgivet og opbevares hos Western Digital Europe.

Маркировка символом CE свидетельствует о соответствии настоящей системы положениям применимых директив Совета Европейского Союза, в том числе директив об электромагнитной совместимости (2004/108/EC, 1999/5/EC), директивы о низковольтном оборудовании (2006/95/EC) и директивы об устройствах, использующих электроэнергию (2005/32/EC). Заявление о соответствии положениям применимых директив, сделанное компанией Western Digital, находится в архиве её европейского подразделения.

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المنخفض (2006/95/EC)، و(2005/32/EC) EuP Directive.
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ملف على Western Digital Europe.

Environmental Compliance (China)

产品中有毒有害物质或元素的名称及含量

部件名称	有毒有害物质或元素					
	铅	汞	镉	六价铬	多溴联苯	多溴二苯醚
机壳/机箱	X	O	O	O	O	O
电路板组合 / 板卡	X	O	O	O	O	O
电源变压器 / 电源供应器	X	O	O	O	O	O
电池	X	O	O	O	O	O
遥控器	X	O	O	O	O	O

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Warranty Information

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- Boost
- Expat
- FastDelegate
- libogg
- libvorbis
- Mersenne Twister
- zlib

Boost
http://www.boost.org/

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zlib
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zlib.h -- interface of the 'zlib' general purpose compression library version 1.2.3, July 18th, 2005

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